

**Prerequisite courses - MedTech (cohort 25/26)**

| In order to take:                                        |         |      | You must have passed the following course/s: |         |      |
|----------------------------------------------------------|---------|------|----------------------------------------------|---------|------|
| Course Name                                              | Code    | Year | Course Name                                  | Code    | Year |
| General physics                                          | 1210103 | 1    | Mathematics                                  | 1210104 | 1    |
| Probability and Statistics                               | 1210201 | 2    | Mathematics                                  | 1210104 | 1    |
| Neuroanatomy and Neurophysiology                         | 1210202 | 2    | Body Structural Organization                 | 1210108 | 1    |
|                                                          |         |      | Biophysics                                   | 1210107 | 1    |
|                                                          |         |      | Biology                                      | 1210101 | 1    |
|                                                          |         |      | Chemistry                                    | 1210102 | 1    |
|                                                          |         |      | General physics                              | 1210103 | 1    |
| Organs Anatomy and Physiology                            | 1210204 | 2    | Neuroanatomy and Neurophysiology             | 1210202 | 2    |
| Biochemistry                                             | 1210203 | 2    | Biology                                      | 1210101 | 1    |
| Pharmacology and Medical Genetics                        | 1210207 | 2    |                                              | 1210102 | 1    |
| Medical Humanities III                                   | 1210301 | 3    | Medical Humanities I                         | 1210106 | 1    |
|                                                          |         |      | Medical Humanities II                        | 1210206 | 2    |
| Pathology Immunology and Microbiology                    | 1210302 | 3    | Organs Anatomy and Physiology                | 1210204 | 2    |
|                                                          |         |      | Biochemistry                                 | 1210203 | 2    |
| Signal and Imaging Processing                            | 1210304 | 3    | Fundamentals of Computer Science             | 1210105 | 1    |
|                                                          |         |      | Mathematics                                  | 1210104 | 1    |
| Cardiac Diseases                                         | 1210306 | 3    | Organs Anatomy and Physiology                | 1210204 | 2    |
| Respiratory Diseases                                     | 1210307 | 3    |                                              | 1210203 | 2    |
| Biomechatronics Biomaterials and telemedicine            | 1210401 | 4    | General physics                              | 1210103 | 1    |
|                                                          |         |      | Biochemistry                                 | 1210203 | 2    |
| Gastrointestinal Diseases                                | 1210403 | 4    | Pathology Immunology and Microbiology        | 1210302 | 3    |
| Genitourinary Diseases                                   | 1210404 | 4    |                                              |         |      |
| Endocrinology and Metabolism                             | 1210405 | 4    |                                              |         |      |
| Dermatology, Clinical Immunology and Infectious Diseases | 1210406 | 4    |                                              |         |      |
| Locomotor System Diseases                                | 1210501 | 5    |                                              |         |      |

|                               |         |   |                                                          |         |   |
|-------------------------------|---------|---|----------------------------------------------------------|---------|---|
| AI and data mining            | 1210502 | 5 | Mathematics                                              | 1210104 | 1 |
|                               |         |   | Fundamentals of Computer Science                         | 1210105 | 1 |
| Cancer Medicine               | 1210503 | 5 | Pathology Immunology and Microbiology                    | 1210302 | 3 |
| Clinical Neuroscience         | 1210504 | 5 |                                                          |         |   |
| Child Medicine                | 1210601 | 6 |                                                          |         |   |
| Public Health                 | 1210602 | 6 | Probability and Statistics                               | 1210201 | 2 |
|                               |         |   | Medical Humanities III                                   | 1210301 | 3 |
| Internal Medicine             | 1210604 | 6 | Cardiac Diseases                                         | 1210306 | 3 |
|                               |         |   | Respiratory Diseases                                     | 1210307 | 3 |
|                               |         |   | Gastrointestinal Diseases                                | 1210403 | 4 |
|                               |         |   | Genitourinary Diseases                                   | 1210404 | 4 |
|                               |         |   | Endocrinology and Metabolism                             | 1210405 | 4 |
|                               |         |   | Dermatology, Clinical Immunology and Infectious Diseases | 1210406 | 4 |
|                               |         |   | Cancer Medicine                                          | 1210503 | 5 |
|                               |         |   | Clinical Neuroscience                                    | 1210504 | 5 |
| Surgery                       | 1210605 | 6 | Pathology Immunology and Microbiology                    | 1210302 | 3 |
| Head and Neck                 | 1210606 | 6 |                                                          |         |   |
| Anaesthesiology and Emergency | 1210607 | 6 | Cardiac Diseases                                         | 1210306 | 3 |
|                               |         |   | Respiratory Diseases                                     | 1210307 | 3 |