

# PIANO DEGLI STUDI ANNO DI COORTE 2026-2027

## CORSO DI LAUREA IN BIOMEDICAL ENGINEERING

| <b>Esami</b> | <b>Denominazione Corso</b>                      | <b>Anno di corso</b> | <b>Semestre</b> | <b>cfu</b> |
|--------------|---|----------------------|-----------------|------------|
| <b>1</b>     | Fundamentals of Computer Science                | I                    | II              | 10         |
| <b>2</b>     | Mathematics                                     | I                    | I               | 13         |
| <b>3</b>     | Chemistry                                       | I                    | I               | 7          |
| <b>4</b>     | General Physics                                 | I                    | I               | 12         |
| <b>5</b>     | Economics and Management                        | I                    | II              | 6          |
| <b>6</b>     | General English/Italian                         | I                    | I               | 2          |
| <b>7</b>     | Physiology and Anatomy                          | I                    | I/II            | 10         |
| <b>8</b>     | Advanced Physics                                | II                   | I               | 6          |
| <b>9</b>     | Mathematics II                                  | II                   | I/II (I)        | 10         |
| <b>10</b>    | Probability and Statistics                      | II                   | I               | 6          |
| <b>11</b>    | Healthcare Information Systems and Telemedicine | II                   | I               | 6          |
| <b>12</b>    | Electronics and Electrotechnics                 | II                   | II              | 11         |
| <b>13</b>    | Mechanics of Solids                             | II                   | II              | 6          |
| <b>14</b>    | Transport Phenomena and Thermodynamics          | II                   | II              | 6          |
| <b>15</b>    | Technical English/Italian                       | II                   | I               | 5          |
| <b>16</b>    | Biomedical Signal Processing                    | III                  | I/II            | 10         |

|           |  |     |    |    |
|-----------|--|-----|----|----|
| <b>17</b> | Fundamental of Automatic Control   | III | I  | 9  |
| <b>18</b> | Biomechanics   | III | I  | 9  |
| <b>19</b> | Fundamentals of Bioengineering   | III | II | 12 |
| <b>20</b> | Measurements and Instrumentation in Biomedical Engineering and Standards for Medical Devices | III | I  | 7  |
| <b>21</b> | Humanities for Bioengineering  | III | II | 2  |
|           | Thesis   | III |    | 3  |
|           | Esame a scelta dello studente  |     | II | 12 |