

**Curriculum of the Bachelor Program at the Department of
Institute of Immunology and Translational Medicine(IITM),
Chang Gung University(For students admitted in Fall, 2025)**

114.04 Edited

| Required(R) or Elective(E) | Course Title | Credit | Year | Fall | Spring | Note |
|-------------------------------|---|--------|------|------|--------|---|
| Required(R) | Immunology | 3 | 1 | 3 | | |
| | A survival guide for a junior researcher (I) | 1 | 1 | 1 | | |
| | Seminar(I) | 2 | 1 | 2 | | |
| | A survival guide for a junior researcher (II) | 1 | 1 | | 1 | |
| | Translational Immunology | 2 | 1 | | 2 | Prerequisite: Immunology |
| | Seminar(II) | 2 | 1 | | 2 | |
| | Seminar(III) | 2 | 2 | 2 | | |
| | Seminar(IV) | 2 | 2 | | 2 | |
| Elective(E) | Transcriptomics and Data Analysis Application | 1 | 1 | 1 | | The course will be taught during the summer session. |
| | Active Learning in Immunology (I) | 1 | 1 | 1 | | |
| | Molecular Biology | 3 | 1 | 3 | | Jointly offered with Graduate Institute of Clinical Medical Sciences. |
| | Research Design and Methodology in Immunology | 2 | 1 | 2 | | |
| | Active Learning in Immunology (II) | 1 | 1 | | 1 | |
| | High-Throughput Sequencing Analysis | 2 | 1 | | 2 | |
| | High-Throughput Sequencing Analysis-Practice | 1 | 1 | | 1 | |
| | Cell Biology | 3 | 1 | | 3 | Jointly offered with Graduate Institute of Clinical Medical Sciences. |
| | Translational medicine in infectious diseases | 2 | 1 | | 2 | |
| | Genetic immune | 2 | 1 | | 2 | |
| | Active Learning in Immunology (III) | 1 | 2 | 1 | | |
| | Development of Immunotherapy | 2 | 2 | 2 | | |
| | Innovative Biomedical Science and Technology | 2 | 2 | 2 | | |

Notice : The graduation credit requirement is 30 credits.

(1) Required:15 credits

(2) Elective: 9 credits

(3) Master Thesis: 6 credits (given after passing the final defense and submitting the approved thesis.)