

Applications are invited for  
**M.Sc. Biotechnology**  
(Specialization in Immunotechnology)

**ALAGAPPA UNIVERSITY**  
Collaborative Program with  
**MEDICLONE ACADEMY OF  
BIOSCIENCES**



**Course Curriculum**

**First Semester**

- Biochemistry
- Microbiology
- Cell Biology
- Immunobiology
- Biophysics

**Second Semester**

- Molecular Genetics
- Enzymology
- Animal Biotechnology
- Immunotechnology
- Clinical immunology

**Third Semester**

- Recombinant DNA Technology
- Plant molecular Biology
- Bioinformatics & Immunoinformatics
- Bioprocess Technology
- Biosafety, Bioethics and IPR

**Fourth Semester**

- Project Work

**What will give you an edge over the 300,000 biotechnology graduates produced in the country every year?**

**Exposure to state-of-the-art lab facilities**

While the number of students graduating with biotechnology degrees is burgeoning every year, Industry experts are dismayed by their unemployability, primarily because of their lack of exposure to the latest technology and its usage. With the dual aim of providing the biotechnology industry a competent & skilled workforce, and increasing the popularity of biotechnology as a rewarding career option, Mediclone Academy of Biosciences, has collaborated with Alagappa university to launch an M.Sc program in biotechnology, that will bring about a paradigm shift in the way education is conceptualized, designed and delivered.

**Program Details**

The M.Sc. course is a two-year program (consisting of four semesters) with one semester exclusively devoted to Project work in immunotechnology.

The course provides an in depth view of the subject, covering recent developments, in both basic and applied research, used for diagnostic & therapeutic purposes and industrial use of these innovations.

**This Program comes under the scheme " COLLABORATIVE PROGRAM", of Alagappa University, Karaikudi.**