



**RUNGTA INTERNATIONAL SKILLS UNIVERSITY**  
**SCHOOL OF LIFE SCIENCES**  
**Department of Biotechnology**  
**MSc Biotechnology**

Semester	Subject Code	Subject	Type	Exam	Theory	Tutorial	Practical	Credit
1	RU-500-13-00005	Advanced Cell Biology	DC	G	2	1	2	4
1	RU-500-13-00006	Biomolecules	DC	G	2	1	2	4
1	RU-500-13-00007	Microbiology	DC	G	2	1	2	4
1	RU-500-13-00008	Analytical Techniques in Biotechnology	DC	G	2	1	2	4
1	RU-500-13-00009	Biostatistics	DC	G	2	1	2	4
2		Immunology and Immunotechnology	DC	G	2	1	2	4
2		Genetic Engineering	DC	G	2	1	2	4
2		Bioprocess Engineering & Technology	DC	G	2	1	2	4
2		Molecular Biology	DC	G	2	1	2	4
2		Medical Biotechnology	DC	G	2	1	2	4
2		Indian Knowledge System - 1	IKS	NG	2	0	0	2
3		Plant Biotechnology	DC	G	2	1	2	4
3		Genomics	DC	G	2	1	2	4
3		Nanobiotechnology	DC	G	2	1	2	4
3		Animal Biotechnology	DC	G	2	1	2	4
3		Proteomics	DC	G	2	1	2	4
3		Minor Project	DC	G	0	0	4	2
4		Bioinformatics	DC	G	2	1	2	4
4		Marine Biotechnology	DC	G	2	1	2	4

4		Research Methodology and IPR	DC	G	2	1	2	4
4		Environmental Biotechnology	DC	G	2	1	2	4
4		Pharmaceutical Biotechnology	DC	G	2	1	2	4
4		Indian Knowledge System - 2	IKS	NG	2	0	0	2
4		Internship / Major project / RND Project / Startup Project / Industry Project	IPRS	G	4	0	0	4