

## Biosciences Summer Internships

Join Biosciences summer internships to explore diverse fields in biology, focusing on cellular biology, molecular biology, genetics, and biotechnology applications in agriculture, healthcare, and environmental science.

### Focussed Areas under Biosciences Summer Internship

1. Cellular biology and its applications in agriculture
2. Molecular biology techniques for disease diagnostics
3. Genetics and genomics in crop improvement
4. Biotechnology for healthcare innovation
5. Environmental biosciences and sustainability
6. Synthetic biology for biotechnological applications
7. Microbial biotechnology in agriculture
8. Biological engineering for food production
9. Gene editing technologies in biosciences
10. Proteomics and its role in cellular functions
11. Metagenomics in environmental microbiology
12. Bioinformatics tools for genomics and proteomics
13. Biotechnology in renewable energy production
14. Cell signaling pathways in plant growth and development
15. Biological approaches to disease control
16. Cell culture techniques for tissue engineering
17. Immunology and its role in biosciences
18. Bioprocessing in industrial biotechnology
19. Biosciences in environmental conservation
20. Functional genomics and its applications in biosciences

### Protocols Covered across various focussed areas under Biosciences Summer Internship

1. Cell culture and molecular biology techniques
2. Gene editing using CRISPR-Cas9
3. Metagenomics data analysis for environmental studies
4. Proteomics sample preparation and data interpretation
5. Genomic DNA extraction and PCR amplification
6. Cellular biology assays for agricultural applications
7. Protein purification and enzyme activity assays

8. Bioinformatics analysis of genomic and proteomic data
9. Cell signaling pathway analysis in plants
10. Synthetic biology approaches for biotechnology

**Duration: 5, 10, 15, 20, and 30 Days**

**Note: Please cross confirm whether internship slots for this field are available before joining.**

[Click Here for Biosciences Summer Internship Fees](#)

Application Process and Other info