



PLANT BIOLOGY



CELL BIOLOGY AND MOLECULAR GENETICS

**AN EXCITING
FIELD FOR
UNDERSTANDING
PLANT LIFE**

**CRUCIAL FOUNDATION
FOR DEVELOPING
CUTTING-EDGE
BIOTECHNOLOGY**

**POSSIBLE CAREERS
CHOICES WITH THIS
DEGREE INCLUDE:**

- GENETIC BASIS OF MORPHOLOGICAL TRAITS
- MECHANISMS AT THE SINGLE-GENE, MULTI-GENE, AND GENOMIC LEVELS
- REGULATION OF CELL DYNAMICS AND PATTERNING

- GENERATING AND CHARACTERIZING MUTANTS AND TRANSGENIC PLANTS
- CHARACTERIZING GENES AND PROTEINS
- BIOINFORMATIC AND QUANTITATIVE STUDIES

- PLANT GENETICIST
- MOLECULAR BIOLOGIST
- CROP PHYSIOLOGIST
- FOOD & DRUG INSPECTOR
- FOOD TECHNOLOGIST
- COMPETITIVE SALARIES IN BOTH PUBLIC AND PRIVATE ORGANIZATIONS FROM \$60,000 TO \$110,000

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