LEARN

First Year:
- Learn Concepts of basics science and molecular point of view
- Explore Second language opportunities and Fine Arts Elective Courses

Second Year:
- Learn mechanisms of molecular and cellular life
- Discover departmental elective courses
- Discuss bioethical dimensions

Third Year:
- Enroll departmental and non-departmental elective courses (Be open minded! Biological sciences are interdisciplinary in nature)
- Learn basics of gene manipulations and their applications
- Gain knowledge on entrepreneurship and project designing

Fourth Year:
- Explore bioinformatic tools
- Learn biotechnological applications
- Learn how to prepare and present a seminar
- Experience how to draft and submit a research or review paper

RESEARCH

First Year:
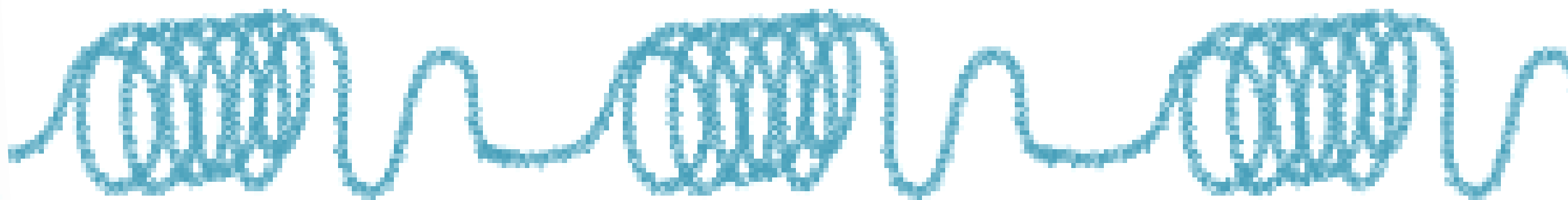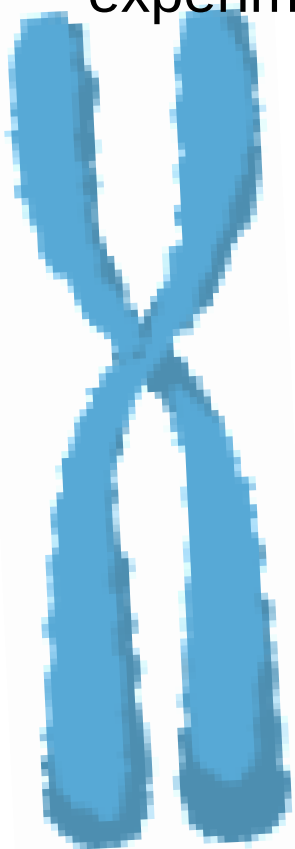- Get familiar with the laboratory equipments and following the experimental protocols
- Learn how to report experimental results

Second Year:
- Get familiar with nucleic acid analysis
- Culture bacteria

Third Year:
- Apply recombinant DNA techniques
- Perform protein analysis
- Get familiar with experimental data analysis and biostatistics
- Practice animal and plant tissue culture techniques
- Decide and/or choose your research interest for graduation project

Fourth Year:
- Start and execute the graduation project by designing your project, analyzing, and reporting your results

BE PART OF THE ECOSYSTEM

First Year:
- Explore the University life and Department
- Join BAŞGEN
- Attend Department seminars

Second Year:
- Explore the Erasmus Learning Mobility possibilities
- Explore the scholarship opportunities (TÜBİTAK STAR, Project bursaries)

Third Year:
- Prepare your resume
- Explore and apply for the Erasmus Internship Mobility possibilities
- Apply for the summer internship
- Explore and apply for the national (TÜBİTAK 2209A/B) and international research funding opportunities
- Apply for the scholarship

Fourth Year:
- Explore and apply for the national and international graduate programme
- Discover job opportunities of public and private sectors
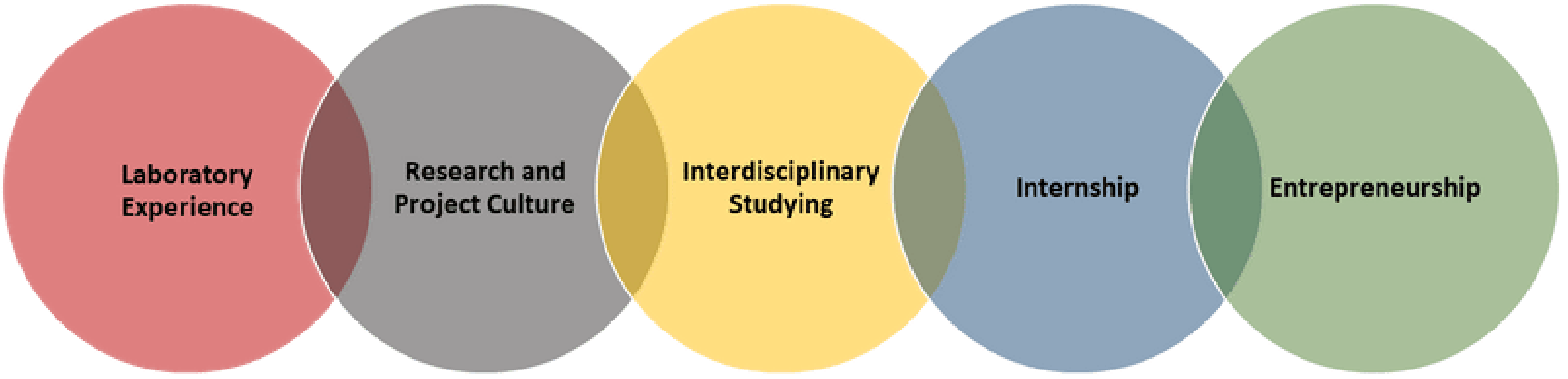- Improve your interviewing skills and get prepared for the job interviews

BAŞKENT UNIVERSITY

FEN EDEBİYAT FAKÜLTESİ

FACULTY OF SCIENCE & LETTERS

Laboratory Experience

Research and Project Culture

Interdisciplinary Studying

Internship

Entrepreneurship

MOLEKÜLER BİYOLOJİ ve GENETİK BÖLÜMÜ