

Master Syllabus

BIO 2236 - Lab for Genetics

Division: Science, Mathematics and Engineering

Department: Biology

Credit Hour Total: 0.0

Date Revised: July 2017

Course Description:

General Education Outcomes:

- ❑ Oral Communication Competency
- ❑ Written Communication Competency
- ❑ Critical Thinking/Problem Solving Competency
- ❑ Values/Citizenship/Community Competency
- ❑ Computer Literacy Competency
- ❑ Information Literacy Competency

Course Outcomes:

Molecular Genetics

Describe concepts and potential impacts of molecular genetics on microbial populations and human populations.

Assessment Method: Locally developed exams

Performance Criteria: Accumulate a minimum total of 60% of all the available points in the course

Cancer Genetics

Describe concepts and potential impacts of cancer genetics on the growth of human population, both in established countries and developing third world countries.

Assessment Method: Locally developed exams

Performance Criteria: Accumulate a minimum total of 60% of all the available points in the course

Developmental Genetics

Describe concepts and potential impacts of developmental genetics on the human population.

Assessment Method: Locally developed exams

Performance Criteria: Accumulate a minimum total of 60% of all the available points in the course

Outline:

GeneticsPopulation GeneticsMicrobial GeneticsCancer GeneticsDevelopmental GeneticsEvolutionary Genetics