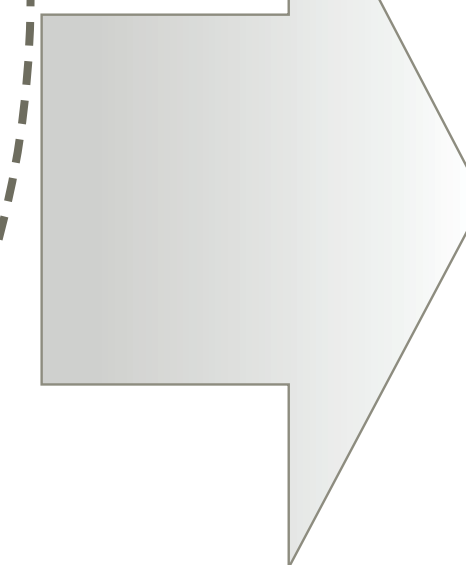
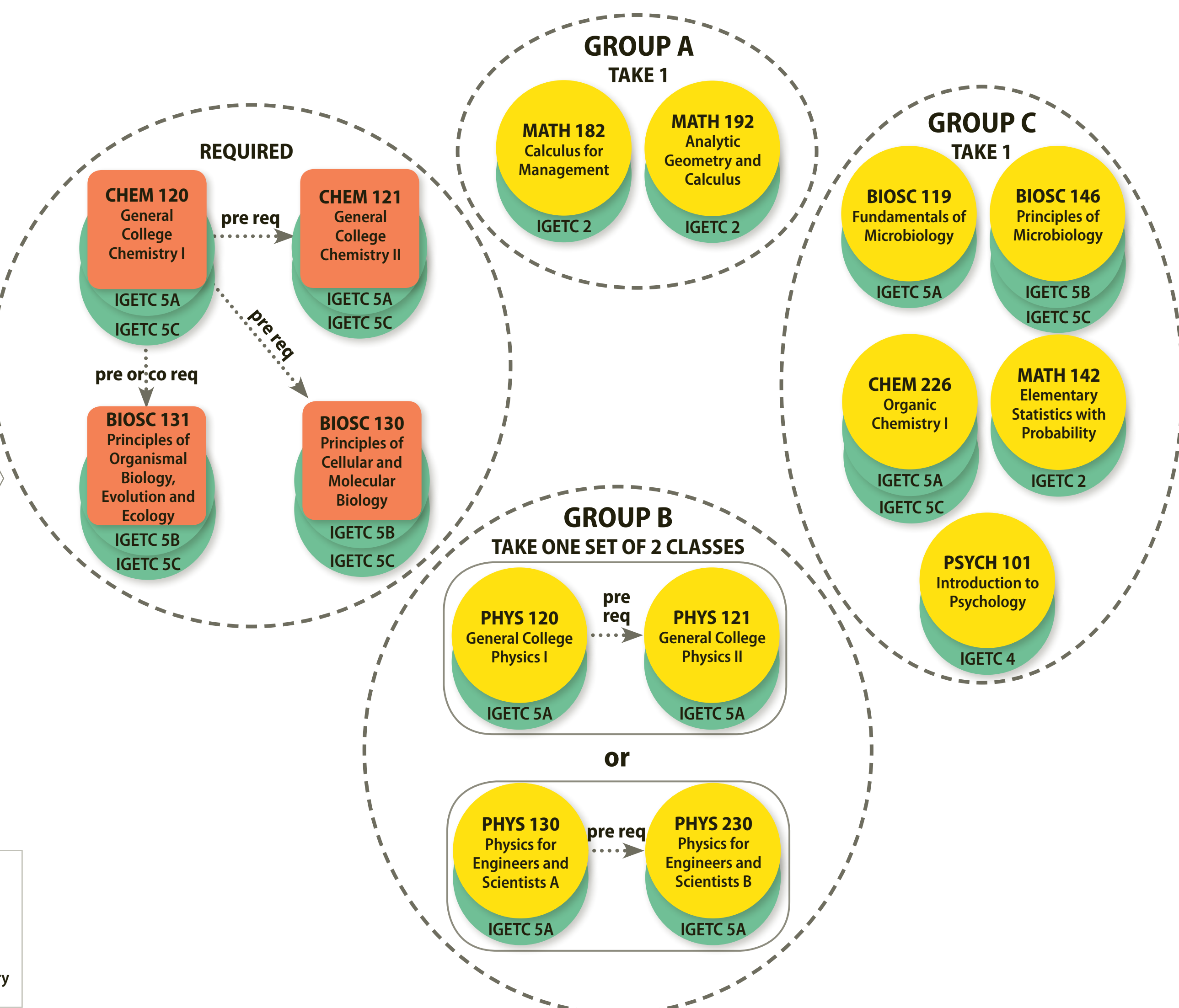
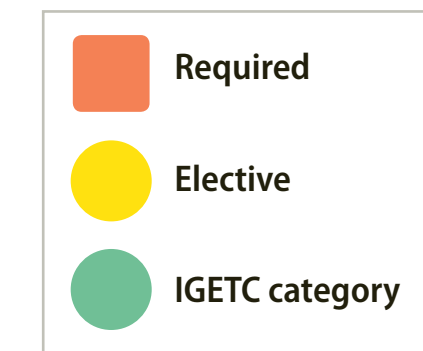
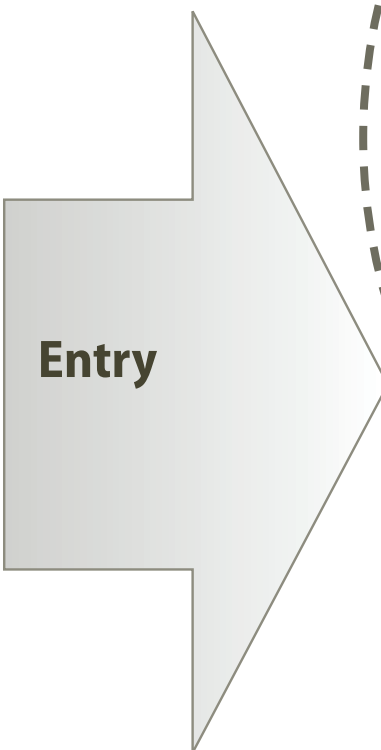


# Biology AS-T

## PROGRAM LEARNING OUTCOMES

1. Apply the scientific method of inquiry using appropriate and effective tools in obtaining, analyzing (including use of statistical procedures and standard techniques in data gathering), and interpreting information including peer-reviewed articles.
2. Illustrate and analyze chemical bonds and reactions starting on the level of subatomic particles to the level of large organic molecules.
3. Compare and contrast organismal life structures and functions including microorganisms.
4. Demonstrate an understanding of the mechanisms and evidence for the theory of evolution.
5. Demonstrate the concept of limits and apply limits to real-world problems.
6. Solve problems involving rates of change and derivatives, including real-world problems.
7. Explain the core concepts in mechanics; forces, motion, momentum and energy.
8. Solve simple circuit problems involving electric potential, capacitance and resistance.



## Careers in

- Education
- Medicine
- Research

You need to see a Counselor for specific recommendations about courses that will best meet your educational goals. Not all courses on the map are offered every term. Consult the Catalog and the Schedule of Classes for more details.

For information about transferring, see:  
<https://www.dvc.edu/enrollment/transfer/index.html>

For information on careers in this field see:  
<https://www.dvc.edu/enrollment/career-employment/index.html>