

BIOL 261: EPIDEMIOLOGY (Q)

The fundamentals of distribution and determinants of health and disease in populations. Epidemiology is applied to formulation/assessment of health care and public health management decisions since it is the basic science of public health and it utilizes principles of the scientific method. Epidemiology includes applications to: morbidity and mortality, and disease prevention and wellness, as well as, disease transmission, diagnostic and screening tests, population studies and study design, and determination of causation. Includes evaluation of peer-reviewed journal articles for study design and proper conclusions and recognition of study limitations and potential biases. Cross listed as HCA 261. Alternate years.

Credits: 3

Department: [Biology](#)