



Modern experimental biochemistry. The undergraduate biochemistry teaching laboratory has become an essential feature in the training of students majoring in biochemistry, chemistry, molecular biology, and related biological sciences. In the development of an experiment, primary consideration was given to the use of modern procedures and techniques. Synopsis. This course builds on the foundational knowledge acquired in the clinical biochemistry module of BIO1103 Pathology Studies with a more in-depth study of human biochemistry in health and disease. Clinical Biochemistry 1 explores the physiology and pathophysiology of major human organ systems and the metabolism of important macro and micronutrients. A Synopsis of Biology summarizes the entire field of biology using a telegraphic style. The discussions are organized around seven themes: form and structure (morphology)Â Comprised of seven sections, this book begins with a detailed account of the morphology of living and non-living things, followed by an assessment of the origin of life. The reader is then introduced to reproduction (vegetative, sexual, and asexual); plant and animal tissues; seeds and seedlings; and metamerism segmentation.