BIOC 2061 – BIOENERGETICS
Dr. Adrian Lennon

Category - A-
Lehninger Principles of Biochemistry
Nelson & Cox
W.H. Freeman 5th Edition

Category - B-
Principles of Biochemistry
Robert A. Horton, Laurence A. Moran, Gray Scrimgeour, Marc Perry and David Rawn
Prentice Hall 4th Edition

Biochemistry
Jeremy Berg, John L. Tymoczko and Lubert Stryer
W.H. Freeman 6th Edition

Molecular Biology of the Cell
Bruce Alberts, Alexander Johnson, Julian Lewis, Martin Raff Keith Roberts and Peter Walter
Garland Science 5th Edition

Biochemistry and Molecular Biology of Plants
Wilhelm Gruissem Russell L. Jones B.B. Buchanan
I.K. International

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David G. Nicholls, Stuart J. Ferguson
Academic Press 3rd Edition

BIOC 2161 – PRIMARY METABOLISM
Dr. Valerie Bowrin

Category - A-
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Worth Publishers, 6 March 2002, 3rd Ed. UK.

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Regulation of Enzyme Activity
Ottaway, J.H.
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Metabolic Regulation: A Human Perspective
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Biochemistry 3rd Edition
Champe, Harvey & Ferrier
Lippincott’s Illustrated Reviews, ISBN: 0781722659

BIOC 3062 – Cellular and Molecular Defense Systems
Dr. Valerie Bowrin/Dr. Sephra Rampersad

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A Textbook of Modern Toxicology
Hodgson Ernest

Principles of Biochemical Toxicology
Timbrell John
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Devil Thomas

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Garett Reginald & Grisham Charles

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Murray Robert, Granner Darryl, Mayes Peter & Rodwell Victor

I. Immunobiology
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Cellular and Molecular Immunology
Abbas, Abul., Lichtman, Andrews & Pillai, Shiv.
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Essential Immunology
Delves, Peter., Martin, Seamus, Martin., Burton, Dennis., & Roitt, Ivan.
Wiley-Blackwell

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Coico, Richard., Sunshine & Geoffrey, Sunshine
Wiley-Blackwell
**BIOC 3162 – EXPERIMENTAL BIOCHEMISTRY AND MOLECULAR BIOLOGY**  
**Dr. Sephra Rampersad**

*Category-B-*  
**Short Protocols in Molecular Biology**  
Current Protocols

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An Online Manual

**The Condense Protocols from Molecular Cloning**  
Sambrook, Joseph & Russell, David.  

**BIOL 2061 – CELL & DEVELOPMENT BIOLOGY**  
**Dr. Georgette Briggs**

*Category-A-*  
**Development Biology**  
Scott F. Gilbert  

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**Patterns & Experiments in Development Biology**  
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**BIOL 2163 – BIOSTATISTICS**  
**Dr. Isaac Dialsingh**

*Category – A-*  
**Biostatistics for the Biological and Health Sciences**  
Triola M.M. and Triola MF  
Pearson / Addison Wesley, Boston (QH323.5.T75 2006)

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**BIOL 2163 Biostatistics Course Manual**  
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**Principles of Development**  
Lewis Wolpert, Rosa Beddington, Thomas Jessell, Peter Lawrence, Elliot Meyerowitz, Jim Smith  

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**Embryology: An Introduction to Development Biology**  
Stanley Shostak  
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ISBN 0-86542-574-4
Biostatistics Analysis
Zar, J.H.

BIOL 2165 – GENETICS II
Dr. Winston Elibox

Category-A-  
Genetics: Analysis & Principles  
Robert Brooker  
ISBN: 9780071287647

Principles of Genetics  
D. Peter Snustad, Michael J. Simmons  
ISBN: 9780470388259

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Genetics A Conceptual Approach  
Benjamin A. Pierce  
Worth Publishers

Principles of Genetics  
Roberts H. Tamarin  
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Essentials of Genetics  
William S. Klug, Michael R. Cummings, Charlotte A. Spencer, Michael A. Palladino  
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Genes VIII  
Benjamin Lewis  
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Molecular Cell Biology  
Harvey Lodish, Arnold Berk, Chris A. Kaiser, Month Krieger, Anthony Bretscher, Hidde Ploegh, Angelika Amon and Matthew P. Scott  
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Molecular Biology of the Cell  
Bruce Alberts, Alexander Johnson, Julian Lewis, Martin raff, Keith Roberts and Peter Walter  
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BIOL 2262 – EVOLUTIONARY BIOLOGY
Dr. Amy Deacon

Category-A-  
Evolution  
Stearns Stephen & Hoekstra  
Oxford University Press 2nd Edition

Category-B-  
Conservation and the Genetics of Population  
Allendorf Fred., Luikart Gordon & Aitken Sally  
Wiley-Blackwell 1st Edition

Pattern & Process in Evolution  
Charlotte J. Avers  
Oxford University Press

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Dr. Valerie Bowrin

Category - A-  
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C.W. Pratt and K. Cornely  
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Principles of Biochemistry
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BIOL 3063 – MARINE ECOLOGY AND OCEANOGRAPHY
Dr. Judith Gobin

Category – C–
Marine Biology
Nybakken James & Bertness Mark
Benjamin Cummings 6th Edition

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Dr. Rajini Haraksingh

Category - A-
Writing Paper in the Biological Sciences
McMillan Victoria E.
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Asking Questions in Biology
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BIOL 3070 – CARIBBEAN ISLAND ECOLOGY AND BIOGEOGRAPHY
Dr. Mike Oatham

Category – A–
Island Biogeography: Ecology, Evolution and Conservation
R.J. Whittaker and Jose-Maria Fernandez-Palacios
Oxford University Press; 2 edition
ISBN: 10: 0198566123

Category – B –
Encyclopedia of Islands
Rosemary G. Gillespie & David A. Clague
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The Natural Resources of Trinidad and Tobago
St. George Clerona Cooper & P.R. Bacon
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BIOL 3263 – INTRODUCTION TO BIOINFORMATICS
Dr. Adesh Ramsubhag

Category – B–
Bioinformatics: Sequence and Genome Analysis
Mount David
**Essential Bioinformatics**  
Xiong Jin  

**Bioinformatics for Biologists**  
Pevzner Pavel & Shamir Ron  
Cambridge University Press

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Pevsner Jonathan  

**BIOL 3363 – MEDICAL BIOTECHNOLOGY**  
*Prof. Jayaraj Jayaraman*

*Category – A –*  
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Killeen A  

**BIOL 3369 – LABORATORY SKILLS IN BIOTECHNOLOGY**  
*Dr. Georgette Briggs*

*Category – B –*  
**Principles of Gene Manipulation and Genomics**  
Primrose, S.B. & Twyman R.M.

**BIOL 3468 – BIODIVERSITY AND CONSERVATION**  
*Dr. Mike Oatham*

*Category – A –*  
**Essentials of Conservation Biology**  
Primack R.B.  

**BIOL 3469 – RESEARCH AND PRACTICAL SKILLS IN ENVIRONMENTAL BIOLOGY**  
*Dr. Mary Alkins-Koo*

*Category – B –*  
**Scientific Method for Ecological Research**  
E.D Ford  

**Practical Methods in Ecology**  
P.A. Henderson  
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<th>Book Title</th>
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<td>Principles of Plant Breeding</td>
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<td>Simmonds, N.W.</td>
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Narayanasamy, P.

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Dr. Aidan Farrell

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Dr. Judy Rouse-Miller

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William Dickinson

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Dr. Aidan Farrell

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Dr. Amy Deacon / Dr. Mark Hulme

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Dr. Mary Alkins-Koo

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*Dr. Mary Alkins-Koo*

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**BIOL 3960- ENVIRONMENTAL MICROBIOLOGY**
*Dr. Adesh Ramsubhag*

*Category – A*  
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**Environmental Microbiology: From Genomes to Biogeochemistry**
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*Dr. Adesh Ramsubhag*

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**Medical Microbiology, A Guide to Microbial Infections: Pathogenesis, Immunity, Laboratory Diagnosis, and Control**
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*Dr. Judith Gobin*

*Category-A*-  
**No textbook is recommended for purchase, but at least 2 copies should be available as a reference texts at the library**

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**Fundamentals of Aquaculture**  
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*Dr. Azad Mohammed*

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Dr. Denise Beckles

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A Basic Introduction to Pollutant Fate and Transport: An Integrated Approach with Chemistry, Modeling, Risk Assessment and Environmental Legislation.
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Dr. Azad Mohammed

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ESST 3003 – ENVIRONMENTAL MONITORING AND ASSESSMENT
Dr. Azad Mohammed

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Dr. Azad Mohammed

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ESST 3104 – CLIMATE CHANGE AND ABATEMENT TECHNOLOGY
Dr. Ricardo Clarke

Category-A-
Climatology 2nd Edition
Rohli, Robert V. and Vega, Anthony A
Jones and Bartlett Learning

Category-B-
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