

**DEPARTMENT OF LIFE SCIENCES  
PRELIMINARY & INTRODUCTORY LEVEL  
BOOKLIST 2007/2008**

**BL05A AND BL05B PRELIMINARY BIOLOGY**

**PRESCRIBED TEXT**

Life: The Science of Biology  
7<sup>th</sup> Edition

W. Purves, D. Sadava, G. Orians  
and H. Heller 2003

**HIGHLY RECOMMENDED**

Biology: Principles & Processes

C. Hickman, L. Roberts, M. Reiss &  
G. Monger

**BL12C CELLS, MOLECULAR BIOLOGY  
AND GENETICS**

**PRESCRIBED TEXT**

Cell Biology, Genetics, Molecular  
Biology, Evolution and Ecology

P. S. Verma & V. K. Agarival 2000

**BL12B DIVERSITY OF ORGANISMS**

**PRESCRIBED TEXT**

Awaiting the name of book

**DEPARTMENT OF LIFE SCIENCES  
ADVANCED (200 LEVEL)  
BOOKLIST 2007/2008**

**BL20J GENERAL & MOLECULAR GENETICS**

**PRESCRIBED TEXT**

Concepts of Genetics 8 <sup>th</sup> Edition	W. S. Klug, M. R. Cummings & C. A. Spencer 2006.
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**BL20K EVOLUTIONARY BIOLOGY**

**PRESCRIBED TEXT**

Evolutionary Analysis 3 <sup>rd</sup> Edition	S. Freeman & Jon C. Herron 2004
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**BL20L DIVING TECHNOLOGY FOR AQUATIC SCIENTISTS**

**PRESCRIBED TEXT**

Scuba Diving 3 <sup>rd</sup> Edition	D. K. Graver 2003
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**HIGHLY RECOMMENDED**

Scuba Diving 3 <sup>rd</sup> Edition	YMCA 2001
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**BL20N ECOLOGY**

**PRESCRIBED TEXT**

Elements of Ecology 6 <sup>th</sup> Edition	T. M. Smith and R. L. Smith 2006
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**BL20P BIOMETRY**

**PRESCRIBED TEXT**

Biostatistical Analysis 4 <sup>th</sup> Edition	J. H. Zar 1999
Statistics Explained 2 <sup>nd</sup> Edition	Perry R. Hinton 2004

**BL23D EUKARYOTIC MICROORGANISMS**

## **PRESCRIBED TEXT**

There is no text currently available that covers all the topics at the appropriate Level.

## **BT21B SEED PLANTS**

### **PRESCRIBED TEXTS**

Botany for Degree Student: Gymnosperms	V. S. Vashishta 2006
Text Book of Botany: Angiosperms	B. P. Pandey 2005
Taxonomy of Angiosperms	B. P. Pandey 1999

## **BT22A PLANT PHYSIOLOGY**

### **PRESCRIBED TEXTS**

Plant Physiology, 4 <sup>th</sup> Edition	L. Taiz & E. Zeiger 2002
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## **Z20G FUNCTIONAL ORGANIZATION OF ANIMALS I: MAINTENANCE SYSTEM & Z20H FUNCTIONAL ORGANIZATION OF ANIMALS II: COORDINATION, PROTECTION & MOVEMENT**

### **PRESCRIBED TEXTS**

Analysis of Vertebrate Structure and Function 3 <sup>rd</sup> Edition.	M. Hilderbrand,
Vertebrates: Comparative Anatomy Function Evolution 3 <sup>rd</sup> Edition	Kenneth V. Kardong
The Invertebrates a new synthesis 3 <sup>rd</sup> Edition	R.S.K. Barnes, P. Calow and P.J.W. Olive

**DEPARTMENT OF LIFE SCIENCES**

**ADVANCED (300 LEVEL)  
BOOKLIST 2006/2007**

**BL31A COASTAL MANAGEMENT**

**PRESCRIBED TEXT**

An Introduction to Coastal Zone Management  
2<sup>nd</sup> Edition T. Beatley, D. J. Brower and  
A. K. Schwab 2002

**BL31E MARINE ECOLOGY I: BIOLOGICAL OCEANOGRAPHY**

**PRESCRIBED TEXT**

Essentials of Oceanography 8<sup>th</sup> Edition A. Thrujillo and H. Thurman 2005

**BL31F MARINE ECOLOGY II: BENTHIC COMMUNITIES**

**PRESCRIBED TEXT**

Marine Biology: An Ecological and  
Environmental Approach 5<sup>th</sup> Edition J. Nybakken 2001

**BL31G CORAL REEF ECOLOGY**

**PRESCRIBED TEXT**

A Field Guide to Coral Reefs:  
Caribbean and Florida E. H. Kaplan, S. L. Kaplan and  
R. T. Peterson 1999

**RECOMMENDED TEXT**

Reef Coral Identification P. Human & N. Deloach

**BL33D FRESHWATER ECOLOGY**

**PRESCRIBED TEXT**

Stream Ecology J. D. Allen 2004

**BL38A VIROLOGY**

**PRESCRIBED TEXTS**

Principles of Molecular Virology	Alan Cann 2001
Basic Virology	M. Hewlett and E. Wagner 2004

**BL39D CARIBBEAN BIODIVERSITY**

**HIGHLY RECOMMENDED TEXT**

Island Biogeography: Ecology, Evolution and Conservation	R. Whittaker (1999)
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**BL39E CONSERVATION BIOLOGY**

**PRESCRIBED TEXT**

Essentials of Conservation Biology	Richard B. Primack
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**BT33A FOREST ECOLOGY, AGROFORESTRY  
& SUSTAINABLE DEVELOPMENT**

**HIGHLY RECOMMENDED TEXT**

An Introduction to Tropical Rain forests	T. C. Whitemore
The Tropical Rain Forest (2 <sup>nd</sup> Edition)	P. W. Richards
Tropical Forest and its Environment	K. A. Longman & J. Jenik

**RECOMMENDED TEXT**

Tropical Forest: Botanical Dynamics Speciation & Diversity	L. B. Holm-Neilsen I. C. Neilsen & H. Balskov
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### **BT33B MEDICINAL AND Economic Botany**

#### **PRESCRIBED TEXT**

Economic Botany: Plants in our world

B.B. Simpson & M.C. Ogarzaly  
(2001)

Economic Botany (6<sup>th</sup> Edition)

B.P. Pandey (2000)

### **BT37Q PLANT HEALTH**

#### **HIGHLY RECOMMENDED TEXT**

Plant Pathology

G. N. Agrios (2005)

Principles and Applications of  
Soil Microbiology

Sylvia, Fuhrmann, Hartel &  
Zuberer (2006)

Plant Pathologist's Pocketbook 2002

J. M. Waller, J. M. Lenne and S.  
J. Waller

### **BT38B PLANT BIOTECHNOLOGY**

#### **PRESCRIBED TEXT**

Experiments in Plant Tissue Culture

J. Dodds and L. Roberts (1995)

Plant Biotechnology:  
The Genetic Manipulation of Plants

Adrian Slater, Nigel Scott and  
Mark Fowler (2003)

### **BT38K PRINCIPLES OF HORTICULTURE**

#### **PRESCRIBED TEXT**

Horticulture: Principles and Practices  
3<sup>rd</sup> Edition

G. Acquah (2004)

## **Z30G GENERAL PARASITOLOGY**

### **PRESCRIBED TEXT**

Foundation of Parasitology  
7<sup>th</sup> Edition

Larry S. Roberts, &  
John Janovy (2005)

## **Z30M IMMUNOLOGY**

### **PRESCRIBED TEXT**

Immunology - A Short Course  
5<sup>th</sup> Edition

R. Coico, G. Sunshine &  
E. Benjamini (2003)

## **Z31B FISHERIES AND AQUACULTURE TECHNOLOGIES**

### **PRESCRIBED TEXT**

Aquaculture Science

R. Parker (2000)

## **Z32C INSECT BIOLOGY & SYSTEMATICS**

### **PRESCRIBED TEXT**

Borrow and DeLong's Introduction  
to the Study of Insects 7<sup>th</sup> Edition

C.A. Tipplesdorn and N. F. Johnson  
(2005)

## **Z32G PEST MANAGEMENT**

### **PRESCRIBED TEXT**

Entomology and Pest Management  
5<sup>th</sup> Edition

Larry P. Pedigo and M. E. Rice (2005)

### **RECOMMENDED TEXT**

Insect Pest Management

David Dent (2000)