

Biological Sciences Collection Policy – Collecting Levels

The following table lists the main subjects collected by the SFU Library in support of the Department of Biological Sciences teaching areas and research interests. Subjects listed are collected to varying depths. The method in which the library selects books on each subject is listed in the second column of the table. A designation of “Books” in this column means that items which fit the General Guidelines (above) for the subject in question are sent on an approval basis to the library. In such cases, a significant portion of the books on that topic will be acquired for the collection. A designation of “Forms,” on the other hand, means that only brief descriptions of the books on the subject in question are sent to the library. The liaison librarian, often with the assistance of the department or faculty representative or other faculty members, then selects the relevant items for acquisition by the library.

Biology division	
Biology – general	Books
Natural history	
Plant lore	Forms
Animal lore	Forms
Animal distribution	Books
Plant distribution	Books
General taxonomy	Books
Extraterrestrial biology	Forms
General biology	
Origin of life	Books
Nature of life	Books
Evolution division	
Evolution – general	Books
Human evolution	Books
Evolutionary variation	Books
General hybridization	Books
Heredity	Books
Biological reproduction	Books
General morphology division	
General morphology – general	Books
Biological development	Books
Biological growth	Books
Regeneration	Books
General physiology division	
General physiology – general	Books
Biological periodicity	Forms
Bioenergetics	Books
Electrophysiology	Books

Photobiology	Books
Metabolism	Books
Respiration	Books
Senescence	Books
Death (Biology)	Books
Ecology division	
Ecology – general	Books
Bioclimatology	Books
Biological effects of pollution	Books
Biogeochemistry	Books
Marine ecology division	
Marine ecology – general	Books
Salt water ecology	Books
Fresh water ecology	Books
Estuarine ecology	Books
Special landforms ecology	
Mountain ecology	Books
Urban ecology	Books
Animal ecology	Books
Insect ecology	Books
Plant ecology	Books
Population dynamics	Books
Biodiversity	Books
General biological control	Books
Symbiosis	Books
Colonies (Biology)	Books
Cytology division	
Cytology – general	Books
Membranes (Biology)	Books
Biological transport	Books
Cellular metabolism	Books
Pathological cell changes	Books
Cytogenetics	Books
Botany division	
Botany – general	Books
Botanical gardens	Forms
Plant taxonomy	Books
Plant phylogeny	Books
Plant morphology and histology	Books
Plant embryology division	
Plant embryology – general	Books
Fruit & seed	Books
Pollen & spores	Books
Plant physiology division	
Plant physiology – general	Books

Plant reproductive processes	Books
Plant nutritive processes	Books
Plant metabolic processes	Books
Photosynthesis	Books
Plant pathology	Books
Plant behaviour	Books
Zoology division	
Zoology – general	Books
Animal taxonomy division	
Animal taxonomy – general	Forms
Invertebrate taxonomy	Forms
Vertebrate taxonomy	Forms
Fish taxonomy	Forms
Bird taxonomy	Forms
Mammal taxonomy	Forms
Invertebrates division	
Invertebrates – general	Forms
Protozoa	Forms
Sponges	Forms
Coelenterata	Forms
Echinodermata	Forms
Worms	Forms
Mollusca	Forms
Anthropoda	Forms
Crustacea	Forms
Myriapoda	Forms
Arachnida	Forms
Entomology division	
Entomology – general	Forms
Grasshoppers, etc.	Forms
Bugs (Cicada, etc.)	Forms
Flies	Forms
Butterflies and moths	Forms
Ants, bees, wasps	Forms
Beetles	Forms
Insect behaviour	Forms
Other insects	Forms
Protochordates	Forms
Vertebrate division	
Vertebrates – general	Forms
Ichthyology	Forms
Amphibia	Forms
Herpetology	Forms
Ornithology	Forms
Mammals division	

Mammals – general	Forms
Egg-laying mammals	Forms
Marsupials	Forms
Carnivores	Forms
Dogs	Forms
Cats	Forms
Rodents	Forms
Chiroptera	Forms
Rabbits & hares	Forms
Other clawed mammals	Forms
Ungulates	Forms
Elephants	Forms
Marine mammals	Forms
Primates	Forms
Other mammals	Forms
Poisonous animals	Books
Animal anatomy & physiology division	
Animal anatomy & physiology – general	Books
Animal tissue	Forms
Animal skeleton	Books
Animal teeth	Books
Animal joints	Forms
Animal integument	Books
Animal muscle	Books
Animal circulation	Books
Animal body fluids	Books
Animal respiration	Books
Animal digestion	Books
Animal metabolism	Books
Animal nutrition	Books
Animal endocrinology	Forms
Animal excretion	Forms
Animal reproduction	Books
Animal lactation	Books
Animal neurology	Books
Animal senses	Books
Animal body temperature	Forms
Animal regional anatomy division	
Animal regional anatomy – general	Books
Animal trunk anatomy	Books
Animal head & neck anatomy	Books
Animal tail anatomy	Books
Animal limbs anatomy	Books
Animal behaviour division	
Animal behaviour – general	Books

Seasonal habits of animals	Books
Food, shelter for animals	Books
Animal communication	Books
Animal locomotion	Books
Animal flight	Books
Animal sexual behaviour	Books
Social relationships of animals	Books
Animal adaptation	Books
Animal psychology	Books
Animal embryology	Books
Zoological display division	
Zoological display – general	Forms
Zoos	Forms
Aquariums	Forms
Taxidermy	Forms
Mounted insect specimens	Books
Birds' nest & eggs	Books
Shells (Mollusca, etc.)	Books
Special & related biology fields	
Parasitology	Books
Microbiology	Books
Experimental embryology	Books
Immunology	Books
Radiobiology	Books
Cryobiology	Books
Biometry	Books
Biomechanics	Books
Biology labs division	
Biology labs – general	Books
Biological spectroscopy	Books
Microscopy	Books
Photomicrography	Books
Aquatic biology division	
Aquatic biology – general	Books
Salt water biology	Books
Plankton	Books
Aquatic flora	Books
Aquatic fauna	Books
Human biology division	
Human biology – general	Books
Human anatomy & physiology division	
Human endocrinology	Books
Human nervous system division	
Human nervous system – general	Forms
Specific human senses division	

Human vision	Forms
Human hearing	Forms
Human sense of taste	Forms
Human sense of touch	Forms
Human sense of smell	Forms
Female anatomy & physiology	
Menstrual cycle	Forms
Human embryology	Forms
Experimental pharmacology division	
Experimental pharmacology – general	Forms
Drugs on skin	Forms
Drugs on tissue	Forms
Drugs on skeletal tissue	Forms
Drugs on muscles	Forms
Drugs on nervous system	Forms
Drugs on blood cells	Forms
Drugs on cardiovascular system	Forms
Drugs on digestive system	Forms
Drugs on respiratory system	Forms
Drugs on urinary system	Forms
Drugs on reproductive system	Forms
Bacteriology division	
Bacteriology – general	Books
Types of bacteria	Books
Bacterial morphology	Books
Bacterial physiology	Books
Bacterial ecology	Books
Plant bacteriology	Books
Pathogenic microorganisms	Forms
Virology	Forms
Technology division	
Environmental engineering	Forms
Pollution division	
Pollution – general	Forms
Air pollution	Forms
Water pollution	Forms
Marine pollution	Forms
Radioactive pollution	Forms
Noise pollution	Forms
Chemical pollution	Forms
Industrial pollution	Forms
Other specifications	Forms
Waste disposal division	
Waste recycling/salvage	Forms

Electrical engineering division	
Electric power generation division	
Bioenergy	Forms
Biotechnology division	
Biotechnology – general	Forms
Biosensors	Forms
Biochemical engineering	Forms
Medicine Division	
General medicine division	
Specific poison division	
Specific poisons – general	Forms
Inorganic poisons	Forms
Gaseous poisons	Forms
Animal poisons	Forms
Organic poisons	Forms
Nicotine toxicity	Forms
Alcohol toxicity	Forms
Narcotic toxicity	Forms
Hallucinogenic drugs toxicity	Forms
Other specific poisons	Forms
Forensic medicine	Forms
Medical microbiology	Forms
Nursing & allied health division	
Subjects related to nursing	
Biology for nurses	Forms
Agriculture division	
Agriculture – general	Forms
Agricultural science/research division	
Agricultural science/research – general	Forms
Agricultural chemistry	Forms
Agricultural extension	Forms
Agricultural botany	Forms
Alternative farming	Forms
Hydroponics	Forms
Agricultural climatology division	
Agricultural climatology – general	Forms
Pollution on plants	Forms
Dry land agriculture	Forms
Wet land agriculture	Forms
Tropical agriculture	Forms
Agricultural pathology division	
Agricultural pathology – general	Books

Parasitic plants	Books
Fungus diseases of plants	Books
Bacterial diseases of plants	Books
Virus diseases of plants	Books
Animal pests on plants	Books
Pesticides	Books
Agricultural entomology division	
Agricultural entomology - general	Books
Insecticides	Books
Biological control of insects	Books
Vector control	Books
Nuclear energy in agriculture	Forms
Farmland management division	
Farmland management – general	Forms
Nature of soil	Forms
Soil improvement	Forms
Tillage	Forms
Crop rotation	Forms
Weed control	
Herbicides	Forms
Agricultural irrigation	Forms
Farm land reclamation	Forms
Aquatic plants culture	Books
Forestry division	
Forestry – general	Books
Silviculture division	
Silviculture – general	Books
Tree breeding & selection	Forms
Reforestation	Books
Tree cultivation	Books
Shrub cultivation	Books
Shrub cultivation	Books
Forest climatology	
Tropical forests	Books
Forest ecology	Forms
Forest protection division	
Forest protection – general	Forms
Forest entomology	Books
Forest damage by elements	Forms
Forest fire	Forms
Forest products division	
Forest products – general	Forms
Wood	Forms
Lumber	Forms

Plywood & veneer	Forms
Wood preservation	Forms
Wood products extraction	Forms
Wood chemistry	Forms
Natural resources division	
Wildlife conservation division	
Wildlife conservation – general	Forms
Wild animals division	
Wild birds	Forms