Suggested Biology courses for various areas of interest

University of Victoria Department of Biology

Biology Core (1st and 2nd years)
- Evolution & biodiversity
- Physiology & cell biology
- Principles of ecology
- Principles of cell biology
- Principles of genetics

Also: Topics in Organismal Biology

Ecology, conservation biology

3rd Year
- Chordate zoology
- Biol oceanography
- Entomology
- Survey of inverts
- Biol of algae
- Biol of land plants
- Biol of vertebrates
- Study design & anal
- Ichthyology
- Animal physiology
- Plant physiology
- Conservation biol
- Freshwater ecosyst

4th Year
- Marine field biology
- Animal behaviour
- Forest ecology
- Nutr cycl & prokary
- Adv aquatic ecology
- Evolution
- Flowering plant div
- Paleoecol & envir
- Community & ecosys

Biotechnology, molecular genetics

3rd Year
- Developmental biol
- Develop & genetics of model plants
- Evolution
- Cell biology
- Molecular genetics
- Tech in molec biol
- Animal physiology
- Plant physiology
- BIOC 300A or B

4th Year
- Biotechnology
- Sensory biology
- Mol endochrinology
- Molecular evolution
- Human molec genet
- DNA repair, mutat
- Molecular epidem
- Molec basis cancer

Marine biology

3rd Year
- Biol oceanography
- Marine ecology
- Survey of inverts
- Biol marine inverts
- Biol of algae
- Study design & anal
- Ichthyology
- Conservation biol

4th Year
- Nutr cycl & prokary
- Adv aquatic ecology
- Fish ecol & mgmt

-MRNE 410, 412, 415, 420, 425, 430, 435, 437, 440, 445

Plant biology

3rd Year
- Biol of land plants
- Biol of algae
- Cell biology
- Study design & anal
- Plant physiology
- Tree biology
- Develop & genetics of model plants
- Entomology
- BIOC 300 A or B

4th Year
- Flowering plant div
- Forest ecology
- Plant biochemistry
- Paleoecol & envir
- Mycology
- Nutr cycl & prokary

Neurobiology

3rd Year
- Animal behavior
- Cell biology
- Animal physiology
- Neurobiology
- BIOC 300A or B

4th Year
- Sensory biology
- Experiment. neurobi
- Ion channels & disease
- Neuroethology
- Molec endocrinology

Education

3rd Year
- Chordate zoology
- Entomology
- Survey of inverts
- Biol of land plants
- Biol of algae
- Biol of vertebrates
- Animal physiology
- Plant physiology
- Evolution
- Animal behaviour
- Conservation biology
- Plants & people
- Biol behind the news
- Food, disease, people

4th Year
- History of biology
- Flowering plant div
- Herpetology
- Mycology
- Neuroethology
- Nutr cycl & prokary
- Molecular epidemiol
- Human microb disease

Human biology
Medicine

3rd Year
- Chordate zoology
- Developmental biol
- Cell biology
- Molecular genetics
- Animal physiology
- Neurobiology
- BIOC 300A, B

4th Year
- Biotechnology
- Sensory biology
- Exptal neurobiology
- Molec endocrinology
- Molecular evolution
- Human molec genet
- DNA repair, mutat
- Molec epidemiology
- Ion channels & disease
- Human microbial disease
- Molec basis cancer

Animal biology
Veterinary medicine

3rd Year
- Chordate zoology
- Developmental biol
- Biol of vertebrates
- Animal behaviour
- Cell biology
- Animal Physiology
- Neurobiology
- Evolution
- BIOC 300A or B

4th Year
- Sensory biology
- Herpetology
- Molec endocrinology
- Neuroethology
- Fish ecol & mgmt

Directed Studies and Research? Co-op? Honours Program?