B.Sc. Minor Program: Applied Geomatics

Name: _____   Student # _____

About the Program

The minor in Applied Geomatics offers students the opportunity to gain expertise in the science and applications of geospatial tools including Geographic Information Systems (GIS) (e.g., ArcGIS, GoogleEarth), remote sensing (e.g., extracting information from satellite images), and Geographic Positioning Systems (GPS). The focus of the minor is on the application of spatial technologies and the fundamental science underlying them. The program of studies has been designed to be complementary with a wide range of Majors and disciplines on campus, including the ability to select from a wide range of restricted electives, so that students can learn how to apply geomatics to their primary area of expertise.

Check-list [based on 2020-2021 calendar]

Bring this list with you when you come for counselling and leave it with your counsellor in your semester of graduation. A list of counsellors is posted in the first floor corridor of the Hutt Building during registration period. At other times check with the secretary in Hutt 119. Counsellors for your program can be found on your program web page: Applied Geomatics.

A minimum of 5.00 credits is required, including the following 3.00 credits:

GEOG*2420	[0.50]	**The Earth from Space**
GEOG*2480	[0.50]	**Mapping and GIS**
GEOG*3420	[0.50]	**Remote Sensing of the Environment**
GEOG*3480	[0.50]	**GIS and Spatial Analysis**
GEOG*4480	[1.00]	**Applied Geomatics**

One of

GEOG*1200	[0.50]	**Society and Space**
GEOG*1220	[0.50]	**Human Impact on the Environment**
GEOG*1300	[0.50]	**Introduction to the Biophysical Environment**
GEOG*1350	[0.50]	**Earth: Hazards and Global Change**

One of

CIS*1300	[0.50]	Programming
CIS*1500	[0.50]	Introduction to Programming

One of

ECON*2740	[0.50]	Economic Statistics
GEOG*2460	[0.50]	**Analysis in Geography**
POLS*3650	[0.50]	Quantitative Methods of Data Analysis
SOAN*3120	[0.50]	Quantitative Methods
STAT*2040	[0.50]	Statistics I
STAT*2060	[0.50]	Statistics for Business Decisions
STAT*2080	[0.50]	Introductory Applied Statistics I
STAT*2120	[0.50]	Probability and Statistics for Engineers
STAT*3120	[0.50]	Biostatistics for Integrative Biology

One of

GEOG*3430	[0.50]	**Geomatics for Environmental Analysis**
GEOG*3440	[0.50]	**GIS for Decision-Making**

Dates seen:

Course Substitutions

Required course

Course subsituted

Date

Signature

Date of entry to program

September 14, 2020