**GEOG 1301 UNIT 3 CONCEPT LIST**

area sampling

compass

data

data sheet

graph

grid

line sampling

objectivity

observation

point sampling

population

quadrat

random sampling

sample

sampling

stratified sampling

succession

systematic sampling

transect

x-axis

y-axis

HYDROSPHERE FIELDWORK

fluvial systems

pH strips

secchi disc

test strips

water monitoring kit

water thermometer

BIOSPHERE FIELDWORK

ACFOR Scale for Measuring Species Abundance

aerial net

Algae Groups Chart

Algae Identification Guide

BMWP Identification Chart

BMWP Scores Index

diameter vs circumference

field guides

forceps

identification keys

invertebrate

lichen

Lichen Identification Chart

macroinvertebratepollution tolerant

pond net

scraper

species

sweep net

taxonomy

Tree Species Guide

Visually Identifying Algae Chart

ATMOSPHERE FIELDWORK

anemometer

Beaufort Wind Scale

calculator

Cloud Cover Scale

cloud types

Dew Point Temperature Table

luxmeter

okta

rain gauge

Relative Humidity Table

sling psychrometer

wind vane

SOIL FIELDWORK

chemical testing

free carbonates

infiltration tube

Munsell Color Chart

mustard solution

nitrogen

ped

pH

pH meter

phosphorus

potash

rebar

soil color

soil consistence – 4 types

soil core / auger

Soil Moisture Content Chart

soil structure – 7 types

Soil Structure Chart

soil texture – 11 types

Soil Texture Triangle

stop watch

temperature probe