

WILL BE USED SEPTEMBER 2014 ONWARD
2010 APEGGA SYLLABUS Geology Academic Assessment: Course-by-Course Credits
Summary evaluation check sheet
 (will be used for all applications to APEGGA after August 2014)

Applicant name: _____

FUNDAMENTAL SCIENCE (Total 9)

SECTION 1A: SPECIFIED SCIENCE (3 required):

2010-F-1a Elementary Calculus I _____

2010-F-2a General Physics I _____

2010-F-3a General Chemistry I _____

SECTION 1B: ADDITIONAL SCIENCE (6 required):

2010-F-1b Elementary Calculus II _____

2010-F-2b General Physics II _____

2010-F-3b General Chemistry II _____

2010-F-4 Diff. Eqns & Transforms _____

2010-F-5 Lin. Algebra. & Vector Anal. _____

2010-F-6 Computing & Numerical Anal. _____

2010-F-9 Physical Chemistry _____

2010-F-10 Organic Chemistry _____

2010-F-11 Inorganic Chemistry _____

2010-F-12 Statistics _____

OR:

2010-F-7 Thermodynamics _____

2010-F-8 Biology _____

*Any advanced university courses in **mathematics, physics, chemistry, statistics, computing or biology** for science majors can fulfill requirements in additional science. There is a maximum of two credits in any subject in Section 1B, e.g., two biology, two computer science, etc.*

GEOSCIENCE (Total 18 subjects at second year level or higher; must satisfy A, B, and C requirements; and $A + B + C = 18$)

SECTION 2A: REQUIRED FOUNDATION GEOSCIENCE (ALL 4 required):

2010-G-1 Mineralogy & Crystallography _____

2010-G-2 Stratigraphy & Sedimentation _____

2010-G-6 Structural Geology _____

Field Practice (no APEGGA examination offered) _____

SECTION 2B: ADDITIONAL FOUNDATION GEOSCIENCE: (5 required; must satisfy one column, with minimum one, maximum two from each of the three sub-groups; credit extras in Section 2C):

EITHER: Geology

OR:

Environmental Geoscience

2010-G-3 Igneous Petrology _____	2010-G-11 Hydrology or Hydrogeology _____
2010-G-4 Sedimentary Petrology _____	2010-G-23 Principles of Geotechnics _____
2010-G-5 Metamorphic Petrology _____	(Engineering Geology)
2010-G-7 Geochemistry _____	2010-G-7 Geochemistry _____
2010-G-8 Geophysics _____	2010-G-8 Geophysics _____
2010-G-9 Geomorphology (or G-10 Glacial) _____	2010-G-9 Geomorphology (or Soil Science) _____
2010-G-20 Advanced Sedimentology _____	2010-G-10 Glacial & Quaternary _____
2010-G-30 Remote Sensing & Photogeology _____	2010-G-30 Remote Sensing & Photogeology _____

SECTION 2C: OTHER GEOSCIENCE (Additional 9 subjects required, at second year level or higher, with a minimum of 7 in geosciences and a maximum of 2 in other science, e.g. biology)

1 _____
 2 _____
 3 _____
 4 _____
 5 _____

6 _____
 7 _____
 8 _____
 9 _____