



Geoscientists Nova Scotia - Knowledge and Experience Requirements Admissions Board Worksheet

as per the Geoscience Knowledge and Experience Requirements
for Professional Registration in Canada*

June 20, 2012

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The three (3) “streams” for professional geoscience registration in Nova Scotia are:

- geology, environmental geoscience and geophysics.

Each stream requires minimum total of 27 EU’s:

- 3 from Compulsory Foundation Science (1A);
- 6 from Additional Foundation Science (1B);
- 4 from Compulsory Foundation Geoscience (2A);
- 5 from Additional Foundation Geoscience (2B); and
- 9 from Other Geoscience / Science (2C).

**this worksheet is effective as of June, 2010, revised January, 2012, February and June, 2013 and supersedes all previous worksheets.*

Applicant / Application Information	
Date	
Applicant’s Name	
Application number	
Registration Category Member (P.Geo) Member-in-Training (MIT) License to Practice (LTP)	
Admissions Board Reviewer	
Geoscience Stream Geology Geophysics Environmental Geoscience	
Admissions Board Meeting No.	



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Part I - Geoscience Work Experience	
Requirement	Candidate's Record
1. Undergraduate Degree (s)	
2. Post Graduate Degree(s)	
3. Post Graduate Diploma(s)	
6. Work Experience prior to undergraduate degree (max 12 months, supervised, second half of degree program)	
4. Work Experience - post graduation: employer, location, duration (min 48 mo required; within the last 10 years)	
7. Work experience during post graduate studies (max 24 months for Masters & Doctoral degrees)	
5. Canadian equivalent work experience (employer, location; minimum 12 months)	
8. Total work experience (# of months)	
9. Has the applicant demonstrated the required work experience (min 48 months)?	yes / no
10. Comments	



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Part II - Required Geoscience Knowledge	
Requirement	Candidate's Record
Geology, Environmental Geoscience & Geophysics Stream Group A Compulsory Foundation Science; and Group B Additional Foundation Science (total of 9 EU's required)	Note: These requirements are common to Geology, Environmental Geoscience and Geophysics Streams. 1 EU = 1 semester, 13 week or term course
1A. Chemistry Mathematics Physics	Total of 3 EU's - 1 EU in each area required 1 2 3
1B. Biology Chemistry Computer Programming Mathematics Physics Statistics	Total of 6 EU's – no more that 2 in any one of the six subject areas 1 2 3 4 5 6



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Geology Stream - Group A Compulsory Geoscience; Group B Additional Geoscience and Group C Other Geoscience total of 18 EU's required; 1 EU = 1 semester, 13 week or term course	
2A. Field techniques Mineralogy and Petrology Sedimentation and Stratigraphy Structural Geology	Total of 4 EU's - 1 EU in each area required 1 2 3 4
2B. Geochemistry Geophysics Igneous / Metamorphic / Sedimentary Petrology Sedimentology Glacial Geology or Geomorphology Remote Sensing	Total of 5 EU's – minimum of 1 & at most 2 from each sub-group, but no more than 1 in each subject 1 2 3 4 5



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<p>2C. Other Geoscience / Science (see CGSB document for a suggested list); minimum total of 9 EU's; note: extra EU's from A & B can be used in C; must be at a second level or higher acceptable for science credit toward a degree and relevant to geoscience.</p>	<p>Minimum total of 9 EU's – no one single EU course can be used to cover more than one requirement</p> <p>1.</p> <p>2.</p> <p>3.</p> <p>4.</p> <p>5.</p> <p>6.</p> <p>7.</p> <p>8.</p> <p>9.</p>
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Environmental Geoscience Stream - Group A Compulsory Geoscience; Group B Additional Geoscience and Group C Other Geoscience total of 18 EU's required; 1 EU = 1 semester, 13 week or term course	
2A. Field techniques Mineralogy and Petrology Sedimentation and Stratigraphy Structural Geology	Total of 4 EU's - 1 EU in each area required 1 2 3 4
2B. Geochemistry Geophysics Hydrogeology or Hydrology Geomorphology or Soil Science Glacial Geology Remote Sensing	Total of 5 EU's – minimum of 1 & at most 2 from each sub-group, but no more than 1 in each subject 1 2 3 4 5



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<p>2C. Other Geoscience / Science (see CGSB document for a suggested list); minimum total of 9 EU's; note: extra EU's from A & B can be used in C; must be at a second level or higher acceptable for science credit toward a degree and relevant to geoscience.</p>	<p>Minimum total of 9 EU's – no one single EU course can be used to cover more than one requirement</p> <p>1.</p> <p>2.</p> <p>3.</p> <p>4.</p> <p>5.</p> <p>6.</p> <p>7.</p> <p>8.</p> <p>9.</p>
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Geophysics Stream - Group A Compulsory Geoscience; Group B Additional Geoscience and Group C Other Geoscience total of 18 EU's required - 1 EU = 1 semester, 13 week or term course	
2A. Field techniques Mineralogy and Petrology Sedimentation and Stratigraphy Structural Geology	Total of 4 EU's - 1 EU in each area required 1 2 3 4
2B. Digital Signal Processing Global Geophysics / Physics of the Earth Seismology / Seismic Methods Exploration Geophysics Radiometrics / Gravity & Magnetics Electrical & Electromagnetic Methods	Total of 5 EU's – minimum of 1 & at most 2 from each sub-group, but no more than 1 in each subject 1 2 3 4 5



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<p>2C. Other Geoscience / Science (see CGSB document for a suggested list); minimum total of 9 EU's; note: extra EU's from A & B can be used in C; must be at a second level or higher acceptable for science credit toward a degree and relevant to geoscience.</p>	<p>Minimum total of 9 EU's – no one single EU course can be used to cover more than one requirement; EU's must be chosen from at least 4 subject areas</p> <p>1.</p> <p>2.</p> <p>3.</p> <p>4.</p> <p>5.</p> <p>6.</p> <p>7.</p> <p>8.</p> <p>9.</p>
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Part III - Language and Character	
Requirement	Candidate's Record
1. Language – is the applicant conversant in English? written? / oral?	yes / no
2. Character – has the applicant demonstrated good character, reputation and conduct?	yes / no
3. Is there any evidence or appearance of misrepresentation(s) on or omission(s) from the application form?	yes / no
5. Has the applicant applied to or a member of another professional association?	yes / no
6. Are there any past, current or pending complaints or disciplinary actions or have professional sanctions been imposed?	yes / no
5. Has the applicant been convicted of a criminal offence, or, at fault in a civil action, or other?	yes / no
6. P.Geo / P.Eng. References	
(1)	
(2)	
(3)	
(4)	
other references	
7. NPPE successfully completed? date / location	yes / no
8. Comments	



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Part IV - Admissions Board Recommendation / Action	
1. Board Member's Assessment and Recommendation to the Admissions Board:	
<i>I recommend that the applicant:</i>	
(a) be registered as a professional geoscientist (P.Geo)	
(b) be registered as a Member-in-Training (MIT)	
(c) be referred back to the Registrar for additional information and re-assessment	
(d) that the application be rejected	
2. Reviewer's comments	
Date:	Reviewer (name / signature):
Meeting no. / Date	Chair (name / signature):
Additional comments	



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ADMISSION BOARD ASSESSMENT SUMMARY

Date: _____ Meeting: _____

Reviewer: _____

Applicant: _____

Application No: _____ Member ___ MIT ___ LTP ___

Geoscience Stream: Geology ___ Geophysics ___ Environmental ___

Education: _____

Academic Requirements (total 27):

1A (3) _____

1B (6) _____

2A (4) _____

2B (5) _____

2C (9) _____

Months experience: _____

Language competency: Yes / No Application Errors/Omissions: Yes / No

References acceptable: Yes / No NPPE Complete: Yes / No

Recommendation: _____

Action: _____
