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| **1. Scientific reasoning** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **2. Critical evaluation and understanding** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **3. Practical (lab and/or field)** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **4. Quantitative** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **5. Qualitative** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **6. Techniques and application** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **7. Equipment** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **8. Data analysis (statistics)** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **9. Independent thought/innovation/invention** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **10. Training** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **11. Organizational skills, planning** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **12. Communication skills** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **13. Written skills (what would be expected at undergraduate level)** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **14. Oral skills** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **15. Computer literacy skills** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **16. Currency in the relevant discipline (such as engaging in continuing education, science, literature, conferences)** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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| **17. Ethics and human relations** |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
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[**BSc BIOS program-based criteria table**](https://www.athabascau.ca/prior-learning/is-plar-for-me/program-criteria-and-credit-potential/portfolio-criteria-bscbios.html)