**For Section A, below, the breadth of knowledge of the computer and information systems field includes, but is not limited to: theories, concepts, history, research, and activities that inform some or all of these areas: programming languages, algorithms, data structures, architecture, data communications, database and information retrieval, systems development, and inter-relationships between all areas; use of software tools, operating systems, and languages. BSc CIS Major knowledge is oriented toward system analysis and design for organizational functions and their interaction with organizational personnel.**

**For Section B, below, “the discipline” or “the field” refers to content described above.**

|  |  |  |  |
| --- | --- | --- | --- |
| **A. Demonstration of Content and Knowledge** | | | |
| **1. Breadth and depth of knowledge of program content** | | | |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| **2. Understanding of theory/concepts related to program content** | | | |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| **3. Policy and policy development** | | | |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| B. Essential Process and Application Skills | | | |
| **4. Critical thinking, problem solving, decision-making** | | | |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| **5. Communication skills/Capacity to disseminate knowledge** | | | |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| **6. Professionalism and ethical practice** | | | |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| **7. Working independently and/or in teams** | | | |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| **8. Planning, organizing and executing projects** | | | |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| **9. Leadership and supervisory ability** | | | |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| **10. Lifelong learning (self and/or professional development)** | | | |
| **Learning Criteria** | **Learning Statements** | **Origin of Learning** | **Supporting Documentation** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

[**BSC PD CIS program-based criteria table**](https://www.athabascau.ca/prior-learning/is-plar-for-me/program-criteria-and-credit-potential/portfolio-criteria-bsccispd.html)