

Title: Blueberries: Classification, Cultivation and Composition
Instructor: Dr. David Percival, Department of Environmental Sciences, NSAC
Timing: June/July 2011

Course Description: The purpose of the module will be to provide insight into the origins, classification, cultivation, composition and uses of blueberries with emphasis on the “wild” or sweet lowbush blueberry (*Vaccinium angustifolium* Ait.). A global perspective will be provided with respect to blueberry production, and insight into the specific growth, development and berry yields of the sweet lowbush blueberry. Discussions focussing on the challenges facing wild blueberry producers and processors in an increasingly global market will also be provided.

Format: Depending on enrollment, there will be eight, one hour sessions. Each session will include of lectures, presentations from researchers with remote sensing expertise and/or student seminars. Provisions for self directed studies into specified topics and a module/term paper are required.

Method of Evaluation:

Seminar(s):	30
Discussion and Assignments:	30
Module Paper:	40

Pre-requisites: None

Seminar: The purpose of the seminar is to provide other students in the class with an overview of the selected topics being covered in the module. Such topics include the origins, classification, cultivation, composition and uses of blueberries, global berry production, and growth and development characteristics of the sweet lowbush blueberry. Due to the variety of academic backgrounds associated with students taking the module, it is encouraged that the course material be presented at the equivalent of a fourth-year undergraduate level course.

Purpose of the Module Paper: The function of the module paper is to select an appropriate topic, conduct an extensive literature review, and within the context of the paper discuss a selected area of interest pertaining to the material being covered in the module. It is also encouraged that when applicable, the module paper be used to focus on an area pertinent to the student’s interest area with respect to their graduate studies research project.

Length of the Module Paper: 2,000 words maximum

Module Paper Format: The format for the written materials is based on that used by the American Society for Horticultural Science. Please see the journals HortScience, HortTechnology, and the Journal of the American Society for Horticultural Science for specific details.

Due Date for Module Paper: TBA

If you have any questions regarding these modules, feel free to contact David Percival by e-mail at dpercival@nsac.ca or telephone (893-7852).