

**NRM 212**  
**GREENHOUSE MANAGEMENT**  
**Spring 2023**

**Schedule**

Monday 2:15 PM - 5:15 PM, Arctic Health Research Building room 1W05

**Course Objective:**

To guide students to an understanding of greenhouses and other controlled environment production systems with emphases on use, applications, management and operation.

**Expected Student Outcome:**

Students should understand major design and construction requirements for a greenhouse to function as an efficient growing environment for various crops. Students should also understand environmental control systems and management practices such as media, irrigation, fertilization, crop production systems and pest management. Students should have ability to recognize and appreciate opportunities and challenges for efficient greenhouse use under northern conditions.

**Instructor:**

Dr. Meriam Karlsson, Professor of Horticulture

*Office:* 1W04 Arctic Health Research Bldg., 474-7005, mgkarlsson@alaska.edu

*Office hours:* Tuesday and Thursday 10 am - 12 noon or by appointment

**WEB:**

Canvas <https://north.open.uaf.edu/login/>

Blackboard <https://classes.alaska.edu/>

Virtual Grower 3

<http://www.ars.usda.gov/services/software/download.htm?softwareid=309>

**Recommended Text**

**Evaluation Policy:**

Grades will be based on exams, one literature review, the greenhouse design project and class participation. The relative importance of each component for the final grade is indicated below:





