

**NRM 212**  
**GREENHOUSE MANAGEMENT**  
**Spring 2022**

**Schedule**

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

Online via Zoom may be used for some or all class sessions. If possible, in person participation in AHRB room 1W05, is preferred.

Zoom link: <https://alaska.zoom.us/j/83097082381>

Phone number if needed for audio using Zoom: 669-900-6833 or 253-215-8782  
(Meeting ID: 830 9708 2381, Passcode: 938790)

**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](mailto:mgkarlsson@alaska.edu)

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

**WEB**





Further, students are expected to adhere to the university's policies, practices, and mandates and are subject to disciplinary actions if they do not comply.

**NRM 212-Spring 2022, tentative schedule** (pages Nelson, 2012. Greenhouse Operation and Management, 7th ed.)

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January 10	Course introduction Greenhouse definitions and industry characteristics	p. 1-33
January 17	No class (Alaska Civil Rights Day)	
January 24	Greenhouse designs and construction	p. 35-76

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(scheduled Final Exam during Finals' week is on Friday April 29, 1 - 3 pm)

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