FISH 6001: Ecology, Management, and Practice of North Atlantic Fisheries

Dr. Brett Favaro (Course Manager)

Fall 2017

E-mail: brett.favaro@mi.mun.ca   Web: mifisheriesscience.github.io/courses/6001Ecology/

Office Hours: Thurs 0900-1200 (BF)   Class Hours: T:11-13, W:9-11

Office: Marine Institute W2009   Class Room: T:W3033/35 W:W2058

Course Description

In this overview course on fisheries science, several researchers from the School of Fisheries will deliver two week modules on their areas of expertise. Students will be exposed to the diversity of research conducted at MI - including fisheries ecology, conservation and sustainability, harvesting technology, post-capture processing, and fisheries policy.

Course Instructors

This course will cover six units, each delivered by a different faculty member in the SOF:

Date	Email
Dr. Paul Winger	Paul.Winger@mi.mun.ca
Dr. Arnault Le Bris	Arnault.LeBris@mi.mun.ca
Dr. Jonathan Fisher	Jonathan.Fisher@mi.mun.ca
Dr. Scott Grant	Scott.Grant@mi.mun.ca
Dr. Sherrylynn Rowe	Sherrylynn.Rowe@mi.mun.ca
Dr. Deepika Dave	Deepika.Dave@mi.mun.ca

Contact module instructors directly to discuss that component of the course.

Dr. Brett Favaro [Brett.Favaro@mi.mun.ca] is the course facilitator and is involved in organization of the course, but not delivery. Only contact him with questions about the course that don't pertain to specific content.

Reference Books

Unit instructors will provide reading lists associated with each unit. In a general sense, we recommend the following textbook as a general introduction to fisheries science:

Jennings, S., Kaiser, M., Reynolds, J.D. (2001). Marine Fisheries Ecology. Wiley-Blackwell, Hoboken NJ. 432 pp.

The library has two copies of this text.

Course Policies

Social Media

Ask your module instructor.

Digital Competency

Students are expected to have basic computer competency. You should be able to operate Microsoft Word, Powerpoint, and Excel, or equivalent (e.g. OpenOffice or Google Docs). You should be able to download and install software onto your computer. Please install R Statistical Software and RStudio prior to begining the course.

If you lack these skills, please consult training materials on your own time. **Please bring a laptop to every class.**

E-mail Policy

E-mail is not a primary tool for communication in this class. If you have questions about course content, your order of operation should be:

1. Check the syllabus and assignment guides
2. Ask in class, or discuss with colleagues
3. Ask on Slack (this way, everyone can benefit from an answer)
4. Request a meeting with the module instructor
5. Request a meeting with the course manager

If emailing a meeting request, use the subject line "FISH 6001: Meeting request" Please indicate three potential meeting times and explain in 1-3 lines what you want to meet about.

Class Participation

Accomodations will be made for serious illness or other extenuating circumstances. However, it is the student's responsibility to stay caught up with course materials - and missing in-class activities will result in a decreased participation grade.

So please, don't miss class!

Academic Honesty

This course is governed by MUN's regulations on academic misconduct.

Course Schedule

Date	Instructor	Topic
Sept 12,13,19,20	Dr. Paul Winger	Fish harvesting technology
Sept 26,27 Oct 3,4	Dr. Arnault Le Bris	Population dynamics
Oct 12,17,18	Dr. Jonathan Fisher	The Northwest Atlantic ecosystem
Oct 24,25,31 Nov 1	Dr. Scott Grant	Fisheries management
Nov 7,8,14,15	Dr. Sherrylynn Rowe	Fisheries assessment
Nov 21,22,28,29	Dr. Deepika Dave	Post-harvest

Final seminars will be delivered Dec 5 and 6.

Assignments and Grading

- Module assignments - 60% (10% per unit)
- Final seminar - 40%

Each module instructor will explain the module assignments in class, and will provide guidance at the start of their unit. All module assignments are due prior to the first class of the subsequent unit (e.g. Module 1 assignmetns are due before the first lecture of Module 2).

Module instructors will give instructions on how to submit each assignment.