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## INSTRUCTOR NOTES for SYL

*Remember to hide this instruction content block prior to publishing your course outline.*

### Welcome to the SYL Course Outline Tool

To begin "Editing" click **Edit Page** box to the left of this content block of instructions. Each section of content underneath a heading is known as a content block.

**Editing Content Blocks:** Click the icon with the pencil. Some content blocks are fully editable while others will allow information to be added at the end of the text already presented. Most titles of content blocks can be edited as well. Once edits are finished click "save" at the bottom of content block.

**Visibility of Content Blocks:** Click the icon with the eye and a line through it. This will 'hide' the content block from everyone. A line through the title of the content block indicates it is not visible. You can make it visible again by selecting the eye.

There is no "save" button on the overall course outline. Each content block has a 'save' button when you open to edit.

To align with ADOA practices, when adding text to any text content blocks please ensure *headings* are set to Heading #3 and *text* is set to Normal.

If data has changed in other systems, for example classroom location data from Colleague or course learning outcomes in CIM, use the refresh button (two arrows in a circle) to refresh data that is being pulled into your outline.

**Public Visibility:** Use the **eye icon** next to refresh button (two arrows in a circle) to open table where you can identify specific content blocks that will be restricted to users who are not signed into the website (public) via single sign on.

Once ready to publish your course outline, click the **Publish Page** box to the left of these instructions. This will send your outline into workflow for review and approval. Once approved, the outline will be published and available to the community.

Visit the SharePoint site for more SYL training resources (<https://uoguelphca.sharepoint.com/sites/Syllabi/SitePages/Training-Resources.aspx>).

## ENVS\*3140 - Management of Turfgrass Diseases

### Fall 2023 Course Outline

**Section: 01**

**Credits: 0.50**

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## Land Acknowledgement: Guelph

The University of Guelph resides on the ancestral lands of the Attawandaron people and the treaty lands and territory of the Mississaugas of the Credit. We recognize the significance of the Dish with One Spoon Covenant to this land and offer respect to our Anishinaabe, Haudenosaunee and Métis neighbours. Today, this gathering place is home to many First Nations, Inuit, and Métis peoples and acknowledging them reminds us of our important connection to this land where we work and learn.

## Calendar Description

In this course ecology of turfgrass diseases and cultural methods of management will be emphasized, in addition to field recognition and microscopic diagnosis of diseases. Advances in biological and chemical control measures and their impact on turfgrass ecosystems and surrounding environments will also be discussed.

**Prerequisite(s):** HORT\*2450

**Restriction(s):** DTM\*3200

**Department(s):** School of Environmental Sciences

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## Course Description

ENVS\*3140 Turfgrass Diseases F(2-2) [0.50]. The ecology of turfgrass diseases and cultural methods of management will be emphasized, in addition to field recognition and microscopic diagnosis of diseases. Advances in biological and chemical control measures, and their impact on turfgrass ecosystems and surrounding environments will also be discussed. This course will interest students who plan a career in turfgrass management, but will also be useful to those interested in maintaining healthy home lawns.

## Course Fit Within Program/Curriculum

<Optional content block - title and content block fully editable>: Instructors may add additional content if necessary. This content block can be removed by clicking the 'eye' icon.

## Lecture Schedule

TuTh 11:30am-12:20pm in GRHM\*3308 (9/7 to 12/15)

## Lab / Seminar Sections

Day	Time	Location
Tue	2:30-4:20	Graham Hall 3309

## Instructor Information

Dr. T. Hsiang, PhD  
Prof.  
Email: [thsiang@uoguelph.ca](mailto:thsiang@uoguelph.ca)  
Office: Bovey 3227  
Fall 2023 Office Hours:  
by arrangement  
Office Phone: x52753

## Teaching Assistant

Ed McNab. [emcnab@uoguelph.ca](mailto:emcnab@uoguelph.ca)

## Course Learning Outcomes

1. to describe major groups of cool season (northern temperate zone) turf diseases
2. to properly identify causal agents in turf disease samples using a diagnostic manual and a microscope
3. to recognise the effects of environmental conditions on turf diseases
4. to recognise the impact of turf disease management practices on the environment
5. to differentiate between biotic and abiotic turf disease symptoms
6. to use cultural, biological and chemical techniques to minimise severity of turf diseases
7. to demonstrate the ability to find and critically evaluate recent primary research articles on a turfgrass pathology issue, and to write a literature review integrating the information using appropriate scientific language

## Teaching and Learning Activities

### Lecture Content:

Introduction to Plant Pathology: disease triangle & cycles

Winter diseases: grey snow mold & pink snow mold

Spring Diseases: Fusarium patch, Leaf spots & melting out

Root diseases: necrotic ring spot, take-all patch, summer patch, fairy ring

Summer diseases: dollarspot, brown patch, anthracnose, pythium blight & root rot

Other diseases: red thread & yellow patch, powdery mildew & rust

Abiotic and miscellaneous diseases: slime molds, moss & algae, abiotic

Fungicides - toxicity, cost, types, regulation

Turf disease prediction

Turf disease research

### Labs:

First lecture period (on Sept 7) meet at GTI West Research Greens at 11:30. If heavy rain, meet in lab (GRHM 3309)

LAB QUIZ (15 min), then Intro plant pathogens: nematodes, bacteria, fungi

LAB QUIZ (15 min), then Snow Mold Diseases

LAB QUIZ (15 min), then Spring Diseases (Fusarium Patch, Leaf spots, other leaf spots)

LAB QUIZ (15 min), then Root Diseases (NRS, TAP, SP, other)

LAB QUIZ (15 min), then Summer Diseases (Dollar spot, Fairy Ring)

LAB QUIZ (15 min), then Summer Diseases I (brown patch, anthracnose, pythium)

Other diseases (Powdery mildew, Red thread, Yellow patch, Waitea Patch, Rust)

LAB QUIZ (15 min), then Other diseases (Moss & algae, Black layer, Dog patch, Seed rot & damping off)

LAB QUIZ (15 min), then New Diseases: Gray Leaf Spot, Rapid Blight, Bacterial Wilt, and then Using Disease Key (practice identifying unknowns on slides or live samples)

LAB QUIZ (45 min) on identifying unknowns

## Assessment Breakdown

*(NOTE: instructor can add another row by hitting "TAB" button when they are at the end of the row)*

Description	Weighting (%)	Due Date
Lab Quizzes	24	Weeks 2-11 in lab
Midterm Exam	21	Week 6 in lab slot
Term Paper	20	Oct 6, 5pm topic due Nov 3, 5pm term paper due
Final Exam	35	to be announced

## Assessment Details

### Quizzes

#### Lab Quizzes

Course Learning Outcomes Assessed: 1, 2

24

### Exam

#### Midterm Exam

Course Learning Outcomes Assessed: 3, 4

21

### Paper

#### Term Paper

Late penalty for term paper (topic and paper itself) is 10% per day

Course Learning Outcomes Assessed: 7

20

### Exam

#### Final Exam

Course Learning Outcomes Assessed: 5, 6

35

## Final Exam

Date: Dec 15

Time: Fri 8:30am-10:30am

Location: TBA *Please see Web Advisor closer to the date of scheduled final for location.*

To understand rules and regulations regarding Examinations students are encouraged to read Student's Responsibilities (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/examinations/>)

If the student is unable to meet the final exam requirements due to medical, psychological or compassionate circumstances they are encouraged to review Student's Responsibilities in the Academic Consideration, Appeals and Petitions (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-consideration-appeals-petitions/>) section of the Academic Calendar.

## Last Day to Drop Course

The deadline to drop Fall 2023 courses without academic penalty is the last day of classes: December 01

After this deadline, a mark will be recorded, whether course work is completed or not (a zero is assigned for missed tests/assignments). This mark will show on the student's transcript and will be calculated into their average.

## Course Standard Statements

*<Optional content block - title and content block fully editable>: Instructors may add additional content if necessary. This content block can be removed by clicking the 'eye' icon.*

### Course Policies

*More course policies can be added (class attendance, extra credit (accepted or not), course offering information disclaimer, lab safety, computer lab policy)*

### Course Technology Requirements

*Some courses have statements about specific technology needed in the course.*

## Standard Statements for Undergraduate Courses

### Academic Integrity

The University of Guelph is committed to upholding the highest standards of academic integrity and it is the responsibility of all members of the University community – faculty, staff, and students – to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff and students have the responsibility of supporting an environment that discourages misconduct. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection.

Please note: Whether or not a student intended to commit academic misconduct is not relevant for a finding of guilt. Hurried or careless submission of assignments does not excuse students from responsibility for verifying the academic integrity of their work before submitting it. Students who are in any doubt as to whether an action on their part could be construed as an academic offence should consult with a faculty member or faculty advisor.

The Academic Misconduct Policy (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-misconduct/>) is outlined in the Undergraduate Calendar.

### Accessibility

The University promotes the full participation of students who experience disabilities in their academic programs. To that end, the provision of academic accommodation is a shared responsibility between the University and the student.

When accommodations are needed, the student is required to first register with Student Accessibility Services (SAS). Documentation to substantiate the existence of a disability is required; however, interim accommodations may be possible while that process is underway.

Accommodations are available for both permanent and temporary disabilities. It should be noted that common illnesses such as a cold or the flu do not constitute a disability. Use of the SAS Exam Centre requires students to make a booking at least 10 days in advance, and no later than the first business day in November, March or July as appropriate for the semester. Similarly, new or changed accommodations for online quizzes, tests and

exams must be approved at least a week ahead of time. For students at the Guelph campus, information can be found on the SAS website. (<https://www.uoguelph.ca/sas/>)

## **Accommodation of Religious Obligations**

If you are unable to meet an in-course requirement due to religious obligations, please email the course instructor within two weeks of the start of the semester to make alternate arrangements.

See the Academic calendar for information on regulations and procedures for Academic Accommodations of Religious Obligations (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-accommodation-religious-obligations/>).

## **Copies of Out-of-class Assignments**

Keep paper and/or other reliable back-up copies of all out-of-class assignments: you may be asked to resubmit work at any time.

## **Drop Date**

Students will have until the last day of classes to drop courses without academic penalty. The deadline to drop two-semester courses will be the last day of classes in the second semester. This applies to all undergraduate students except for Doctor of Veterinary Medicine and Associate Diploma in Veterinary Technology (conventional and alternative delivery) students. The regulations and procedures for course registration are available in the Undergraduate Calendar - Dropping Courses (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/dropping-courses/>).

## **Email Communication**

As per university regulations, all students are required to check their <uoguelph.ca> e-mail account regularly. e-mail is the official route of communication between the University and its students.

## **Health and Wellbeing**

The University of Guelph provides a wide range of health and wellbeing services at the Vaccarino Centre for Student Wellness (<https://wellness.uoguelph.ca/>). If you are concerned about your mental health and not sure where to start, connect with a Student Wellness Navigator (<https://wellness.uoguelph.ca/navigators/>) who can help develop a plan to manage and support your mental health or check out our mental wellbeing resources (<https://wellness.uoguelph.ca/shine-this-year/>). The Student Wellness team are here to help and welcome the opportunity to connect with you.

## **Illness**

Medical notes will not normally be required for singular instances of academic consideration, although students may be required to provide supporting documentation for multiple missed assessments or when involving a large part of a course (e.g., final exam or major assignment).

## **Recording of Materials**

Presentations that are made in relation to course work—including lectures—cannot be recorded or copied without the permission of the presenter, whether the instructor, a student, or guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.

## **Resources**

The Academic Calendars (<http://www.uoguelph.ca/registrar/calendars/?index>) are the source of information about the University of Guelph's procedures, policies and regulations which apply to undergraduate, graduate and diploma programs.

## **When You Cannot Meet a Course Requirement**

When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons please advise the course instructor (or designated person, such as a teaching assistant) in writing, with your name, id#, and e-mail contact. See the Undergraduate Calendar for information on regulations and procedures for Academic Consideration. (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-consideration-appeals-petitions/>)