

Gardening at the U of S

SPONSORED BY THE MASTER GARDENER PROGRAM

gardening.usask.ca



Important Information for Hort Week Participants

WAYS TO REGISTER:

Visit gardening.usask.ca

Phone 306-966-5539

Drop in to Room E1, 105 Administration Place (Admin Building on Campus), Monday to Friday from 8:30 am to 4:00 pm

Early Bird Registration: Last day for the 10% discount is June 23

Hort Week Locations

Unless otherwise noted in the description, all classes will be held in the Agriculture Building (51 Campus Drive) on the University of Saskatchewan campus. Unless a room number is noted on your description, please check in at the registration desk at the Atrium to find your room location. Visit **usask.ca/maps** for maps of campus.

Parking

Parking on campus is limited. Daytime parking meters are for short periods of time only. Parking is available at the Agriculture Parkade (Science Place) for \$6.00 per exit. Parking Lot 4 (Innovation Blvd) or the Stadium Parkade (College Drive) is \$5.00 per exit.

Refreshment and Lunch Breaks

Two breaks with complimentary refreshments are provided each day. Lunch breaks are scheduled from noon to 1:00 pm. Lunch is not provided. Various locations on campus, including the Agriculture and Arts cafeterias as well as Tim Hortons in the Biology building are open for weekday hours only (closed

All Hort Week classes are open to everyone. Classes fill up quickly and some have limited enrolment so register early.

MGCC denotes Master Gardener Core Course. Enrol if you wish to work towards your Master Gardener Certificate or you are also welcome to participate for your own interest. See the inside back page for more information about the Master Gardener Certificate.

For additional information about classes, email **gardening@usask.ca** or phone **306-966-5097**.

evenings and weekends). We will have a water cooler available, bring your refillable water bottle. Hort Week is a scent-free event. Please refrain from wearing perfumes or aftershave lotions.

Accommodations on Campus

Stay at the U of S residence. Double rooms are \$55.27 (taxes included) per person per night. Single rooms are \$64.72 (taxes included) per person per night. A hot breakfast is included. There is also a one-time administration fee of \$15.00 (plus GST) per person. To make reservations, please go to **livewithus.usask.ca**, go to Summer and Conference Services then click on Conference Accommodation and Individual Stays. If you do not have internet access please call the Conference Office at 306-966-1999 and they will send you a reservation form. Reservations need to be booked three days prior to your arrival date.

Cancellation/Withdraw

Registration fee, minus an administration fee of \$20 (full day class), \$10.00 (half day/evening class), will be refunded if notice to cancel/withdraw is received no later than one week prior to start of class. Non-attendance does not constitute notice of withdrawal and refunds will not be issued.

Hort Week Quick Reference Schedule

Saturday, July 8 and Sunday, July 9		Best Groundcovers and Vines for the Prairies 4E	1:00–4:00 pm
Garden Fundamentals (MGCC) 1A	9:00 am–4:00 pm	Alliums: An Introduction to the Onion Family 4F	7:00–9:30 pm
Garden Fundamentals (MGCC) TA	9.00 am-4.00 pm	Probiotic Vegetables 4G	7:00–9:30 pm
Saturday, July 8		Wednesday, July 12	
FREE Composting 101 and Food Bank Garden Patch Tour 1B	9:00 am-noon		0,00 am 4,00 nm
FREE Meewasin Northeast Swale: Native Prairie		Identifying Insects in Your Yard and Garden (MGCC) 5A	9:00 am-4:00 pm 9:00 am-noon
in Your Backyard 1C	7:00–9:00 pm	Myrtle 5B	
		FREE Campus Walking Tour 5C	9:30–10:30 am
Sunday, July 9		Cranesbills: The Hardy Geraniums 5D	1:00–4:00 pm
Hypertufa Pots 2A	1:00–4:00 pm	Lawns and Lawn Care 5E	7:00–9:30 pm
FREE Growing Green: Sustainable Gardening on the Prairies 2B	7:00–9:30 pm	Herbal Medicine from Field and Garden:	7.00 0.20
THEE GIOWING Green. Sustainable Gardening on the Francis 25	7.00 3.30 pm	Tinctures, Teas and Infusions 5F	7:00–9:30 pm
Monday, July 10		Thursday, July 13	
Botanical Latin (MGCC) 3A	9:00 am-noon	Tree and Shrub ID (MGCC) 6A	9:00 am–4:00 pm
Protea Family 3B	9:00 am-noon	Spectacular Flowering Trees 6B	9:00 am-noon
Plant Diagnostics 3C	1:00-4:00 pm	Bodycare from Field and Garden:	
FREE Greenhouse Tour 3D	1:30–3:30 pm	Learn to Make Balms and Salves 6C	1:00-4:00 pm
Sedum 3E	7:00–9:30 pm	FREE Gardening, Naturally: Chemical Free Gardening 6D	7:00–9:30 pm
Basic Perennial Gardening 3F	7:00–9:30 pm	Vegetable Gardening: Warm Season Veggies 6E	7:00–9:30 pm
Tuesday, July 11		Friday, July 14	
Safe Use of Pesticides and Alternatives (MGCC) 4A	9:00 am-noon	Communications (MGCC) 7A	9:00 am-4:00 pm
Spiders and the Prairie Gardener 4B	9:00 am-noon	Stained Glass Birdhouse 7B	9:00 am-4:00 pm
FREE W.P. Fraser Herbarium Tour 4C	9:30–10:30 am	FREE Patterson Gardens & Horticulture Test Plots Tour 7C	9:30 am-noon
Common Plant Diseases (MGCC) 4D	1:00–4:00 pm	Hands-On Plant Propagation 7D	1:00–4:00 pm

Saturday, July 8 and Sunday, July 9

Garden Fundamentals (MGCC) 1A

Vanessa Young; U of S Master Gardener Program Coordinator 9:00 am-4:00 pm

\$150 plus GST (Includes materials)

Understanding basic horticulture will help you solve many common problems as you become a better gardener. This two-day workshop is packed with practical hands-on activities. Learn the basics of soils, climate, plant nutrition, botany, mulches and watering. This is a great class for new gardeners and gardeners new to Saskatchewan.



Saturday, July 8

Composting 101 and Food Bank Garden Patch Tour 1B

Lisa Howse; Compost Coaches Coordinator and Kennedy Cooke; Garden Patch Engagement Coordinator 9:00 am-noon

FREE

Join us for a tour of the Saskatoon Food Bank & Learning Centre Garden Patch and a free session on different composting techniques for gardeners. There is no charge for this event but everyone must register in order to participate. Please dress for the weather and bring work gloves. Water and sunscreen will be available. *Note:* This class meets on site at the Garden Patch on the 900 block of 3rd Ave N. Entrance is on Duchess St.





Meewasin Northeast Swale: Native Prairie in Your Backyard 1C

Kenton Lysak; Senior Interpreter, and Eryn Tomlinson; Resource Management Technician, Meewasin Valley Authority 7:00–9:00 pm

FREE

Kenton and Eryn will talk about the biodiversity of the Meewasin Northeast Swale and what Meewasin is doing to improve ecological integrity of the site. We will visit the Meewasin Northeast Swale to look at native plants of the region and the impact invasive species are having on biodiversity. There is no charge for this tour, but everyone must register in order to participate. *Note:* This class meets on site at the Meewasin Northeast Swale, Range Road 3050.





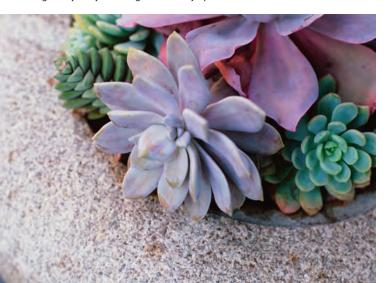
Hypertufa Pots 2A

Angie Skiba; U of S Master Gardener

1:00-4:00 pm

\$60 plus GST (Includes materials)

Hypertufa is a style of container dating back to the Renaissance. Troughs and sinks originally carved from volcanic rock and discarded when aged were picked up by gardeners who turned them into planters. Using contemporary materials (e.g. peat, concrete and perlite), you will make a container that resembles the traditional English stone troughs. You can take your project home but please note that hypertufa takes several days to fully cure. *Note:* Bring heavy-duty rubber gloves and eye protection.



Free Sunday Night Lecture—Growing Green: Sustainable Gardening on the Prairies 2B

Lyndon Penner; Author and Radio Personality 7:00–9:30 pm

FREE-Sponsored by the City of Saskatoon

Gardening is a nine billion dollar-a-year (and growing) industry. There's a lot of information on how to best garden so it's easy for both new and experienced gardeners to become overwhelmed. Those of us who live in harsh prairie climates have to be especially diligent to ensure we are getting not only accurate information, but information that relevant for us. Practices like sustainable, permaculture and low-impact are all the buzz but it really comes down to awareness. A garden does not exist in a vacuum. The decisions you make about your yard (e.g. which tree, which flowers, when do they bloom, how do you manage problems etc.) all have an impact on the local environment and the creatures who live there. Lyndon will show us which gardening choices have the least ecological impact so you can make deliberate, empowering and effective decisions for your green spaces. Register to reserve your seat!

Lyndon Penner grew up in rural Saskatchewan and has 20 years of experience in the horticultural industry. A passionate advocate for gardening and the environment, Lyndon is the author of several best selling books and is a frequent guest speaker and instructor for the University of Saskatchewan, Olds College, the Calgary Zoo Botanic Garden and the University of British Columbia. He also does botanical interpretive work in Waterton Lakes National Park and has recently begun collaborating with the Nikka Yuko Japanese Garden in Lethbridge, Alberta.



Sponsored by





Botanical Latin (MGCC) 3A

Vanessa Young; U of S Master Gardener Coordinator, U of S

9:00 am-noon

\$50 plus GST

Botanical Latin is the language developed for the naming and description of plants. This entertaining workshop is designed for those who have no knowledge of classical Latin. Understanding how plants are named will assist you when selecting plants for your landscape.

Protea Family 3B

Lyndon Penner; Author and Radio Personality

9:00 am-noon

\$50 plus GST

In Greek mythology, Proteus was a minor sea god who had the power to change his shape to any form that he wished. The family of plants named after him have similar properties, with a multitude of bizarre, unusual and incredibly beautiful flowers. Join Lyndon on a journey across the globe to visit the South African proteas, the Australian grevilleas and the strange Leucodendrons so beloved by the florists. This is a highly peculiar group of plants with very specific requirements. While not usually recommended for beginners, there are many great plants here that make tremendously interesting subjects for greenhouses, conservatories and even bedding plants. Others are widely available as cutflowers and can bring a touch of the exotic to your home on those cold winter days.



Plant Diagnostics 3C

Grant Wood; Associate Professor, Department of Plant Sciences, U of S

1:00-4:00 pm

\$50 plus GST

Ever want to ask a plant, "why are you dying?" This workshop will show you fundamentals in how to diagnose plant problems. It will focus largely on woody plants, but most content is appropriate for all plants. The workshop begins by talking about plant physiology and plant growth. Then using case studies, you will learn how to gather information by knowing what questions to ask. The workshop concludes with looking at visuals and samples of plants to diagnose what may be causing the problem.



Greenhouse Tour 3D

1:30-3:30 pm

FREE

Spend some time in the U of S Plant Sciences Greenhouses. Enjoy a guided tour of this state-of-the-art facility and get a first-hand look at the latest research in fruit breeding, vegetable breeding, ornamental plants and much more. There is no charge for this tour but everyone must register in order to participate. *Note:* Please go directly to the Agriculture Greenhouse at 45 Innovation Blyd.

Sedum 3E

Lyndon Penner; Author and Radio Personality

7:00–9:30 pm \$50 plus GST

Twice Lyndon has done a class about succulents and twice sedums have threatened to take over the entire class. Well, now we're letting him do just that! This class will focus exclusively on sedums and some of their closest relatives (such as the jade tree that you likely have in your window) and how to care for, enjoy and propagate them.



Basic Perennial Gardening 3F

Sara Williams; Author, Retired Horticulturist, U of S

7:00-9:30pm

\$50 plus GST

This workshop introduces beginning and intermediate gardeners to over a hundred of the best perennials for sun and shade, moist and dry locations, from ladies mantle to lungwort, delphiniums to daylilies and so many more. It covers their selection, where to place them, soil, planting and maintenance (e.g. water, fertilizer, mulch and staking etc.) as well as propagation.



Safe Use of Pesticides and Alternatives (MGCC) 4A

Ellen Misfeldt; Horticulturist, Department of Plant Sciences, U of S 9:00 am-noon \$50 plus GST

Just because they are organic does not necessarily mean they are safe for people. Safe and intelligent pesticide practices will minimize harm to both you and the environment. This half-day course covers pesticide formulations, toxicity, persistence, labeling and safety practices. *Note:* Garden Fundamentals is recommended as a prerequisite.

Spiders and the Prairie Gardener 4B

Lyndon Penner; Author and Radio Personality 9:00 am–noon \$50 plus GST

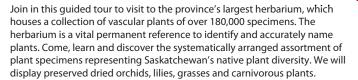
Are you terribly afraid of spiders? Are you fascinated with spiders? If so, we would really like you to attend this class. While many people are extremely afraid of these creatures, they are essential for a healthy garden ecosystem. This class will help you identify the spiders in your garden and hopefully help you overcome your fears. You may even learn to like spiders after attending this session.



W.P. Fraser Herbarium Tour 4C

9:30-10:30 am

FREE



Common Plant Diseases (MGCC) 4D

Jill Thomson; Retired Horticulturist, U of S

1:00–4:00 pm

\$50 plus GST

Learn to identify and control common plant diseases found in our landscape. Disease life cycles and prevention will also be discussed.



Best Groundcovers and Vines for the Prairies 4E

Sara Williams; Author, Retired Horticulturist, U of S

1:00-4:00 pm

\$50 plus GST

Groundcovers have come a long way since your neighbor gave you that first clump of goutweed. They are colourful, interesting and versatile. They also solve many of our most difficult landscape problems including slopes, small out-of-the-way corners, understories below trees and areas of hot dry sun. Perennial and woody vines, such as clematis, hops, grapes and honeysuckle, can provide shade and beauty while breaking up large expanses of fence and wall. Together, vines and groundcovers make up the vertical and horizontal planes of our gardens. More than a hundred of these hardy plants will be discussed.



Alliums: An Introduction to the Onion Family 4F

Lyndon Penner; Author and Radio Personality

7:00-9:30 pm

\$50 plus GST

Perhaps you're trying to make a decision between attending a food class about fruit or vegetables and attending a class about flowers. Why not do both? The onion family includes a variety of well known food plants including onions, garlic, leeks, chives, shallots and scallions. It also includes some really stunning and beautiful perennials that can provide you with lots of material for cutflowers as well as feeding bees and butterflies. Not all alliums are created equal. Some are tiny and discreet while others are large and demand attention. Lyndon will guide you through both the decadent and the delicious plants and we will provide the tissue if onions make you cry.

Probiotic Vegetables 4G

Leanne Brunelle; Integrative Nutrition Health Coach and Healthy Food Blogger at ShinyHappyFood.com

7:00-9:30 pm

\$55 plus GST (Includes materials)

Fermented vegetables contain far more beneficial probiotics than even your most expensive probiotic supplement; they can improve chronic digestive issues, boost immunity and even get rid of sugar cravings! In this class you will learn how to quickly and easily turn your garden produce into delicious, healing snacks and condiments. Participants will have the opportunity to sample various fermented vegetables and will also make a jar to take home.



Identifying Insects in Your Yard and Garden (MGCC) 5A

Nina Mohr; Department of Biology, U of S 9:00 am-4:00 pm \$75 plus GST

The morning is spent learning how to identify various species of insects based on their characteristic traits. During the afternoon campus-guided walkabout, you will have the opportunity to view insects and insect damage. *Note:* it is recommended, though not required, to have completed Botanical Latin prior to taking this course.



Myrtle 5B

Lyndon Penner; Author and Radio Personality

9:00 am-noon

\$50 plus GST

Have you ever been to a Ukrainian wedding? Myrtle (mirta) is traditionally woven into garlands and wreaths. Have you ever done an aromatic steam inhalation when you were ill? There was probably eucalyptus oil in it. Used allspice in a curry? Bought any natural soaps recently? Tea tree extract is a common ingredient in many organic health care products. What do all these plants have in common? They are all members of the myrtle family. You may have more connections to the myrtle family than you realize. Join Lyndon for a wonderful exploration of this diverse and beautiful family of mostly trees and shrubs. Despite the fact that these plants hail from climates much warmer than our own, many of them can be grown as annuals, houseplants or as fascinating subjects for containers. If you're looking for something unusual and beautiful, you're likely to find it here.

Campus Walking Tour 5C

Ellen Misfeldt; Horticulturist, Department of Plant Sciences, U of S 9:30–10:30 am

FREE

Enjoy a guided walking tour of the variety of plantings on campus. This is a free tour but you must register to save your spot!





Cranesbills: The Hardy Geraniums 5D

Lyndon Penner; Author and Radio Personality

1:00-4:00 pm

\$50 plus GST

There is an enormous difference between the perennials we call geraniums and the plants of the same name that we use in our planters and containers. The true geraniums are mostly hardy, rugged perennials that bloom over a long period and require very little care once established. They come in a wide variety of colours and many of them also have very attractive foliage. If you are looking for durable, tough plants that thrive on neglect while also providing a great deal of beauty, you will very much enjoy this class!



Lawns and Lawn Care 5E

Sara Williams: Author, Retired Horticulturist, U of S

7:00-9:30 pm

\$50 plus GST

We begin with a quick look at the function of lawns and possibilities of substituting colourful low maintenance groundcovers for lawn areas that are seldom used. Then on to the lawn itself: site preparation; grass species for both irrigated and non-irrigated lawns; sodding versus seeding; and lawn establishment. We'll discuss irrigation, mowing, fertilizing (both chemical and organic), de-thatching and aeration. Lastly, we'll cover weeds, diseases and insects and how to deal with them in the least harmful ways for people and the environment.

Herbal Medicine from Field and Garden: Tinctures, Teas and Infusions 5F

Adrienne Percy; Traditional Foods and DIY Skills Teacher, NourishedRoots.ca 7:00–9:30 pm

\$55 plus GST (Includes materials)

Learn about the plant medicine that grows all around us and can easily be harvested and preserved for year round use as tinctures, teas and infusions. We will cover the basics of a selection of abundant local plants and when to harvest which part of the plant (e.g. leaves, roots and flowers). Come prepared to feel, smell, taste and touch for this hands-on experience.



Tree and Shrub ID (MGCC) 6A

Ellen Misfeldt; Horticulturist, Department of Plant Sciences, U of S 9:00 am-4:00 pm \$75 plus GST

Study trees and shrubs that are most commonly used in landscape design. This course features an on-campus tour so you can experientially learn by observing and identifying trees and shrubs within a landscape. *Note:* Garden Fundamentals and Botanical Latin are prerequisites.



Spectacular Flowering Trees 6B

Lyndon Penner; Author and Radio Personality 9:00 am–noon \$50 plus GST

Sometimes we need inspiration and to remember why we fell in love with gardening in the first place. The earth is home to a great many flowering trees that are so spectacular they can literally take your breath away. Not everyone can afford to travel the world and see all of these incredible plants in person, so Lyndon is going to do the next best thing and bring those plants to you. Take a fabulous journey through magnolias and catalpas, princess trees and jacarandas. Visit the flamboyant trees of Madagascar and the angel's trumpet trees of South America. You don't need a passport! Do you have a friend who just doesn't understand why you love plants so much? Bring him or her along.

Bodycare from Field and Garden: Learn to Make Balms and Salves 6C

Adrienne Percy; Traditional Foods and DIY Skills Teacher, NourishedRoots.ca 1:00–4:00 pm

\$55 plus GST (Includes materials)

In this session, you'll learn the techniques used to make balms and salves that are 100% local and natural. Each product we create will be made from species that can be grown and/or wild-harvested right here in Saskatchewan.



Gardening, Naturally: Chemical Free Gardening 6D

Sara Williams; Author, Retired Horticulturist, U of S

7:00-9:30 pm

FREE–Sponsored by the City of Saskatoon

We're all familiar with handpicking Colorado potato beetles and the working end of a hoe, but there are other tools we can use to avoid broad-spectrum chemical pesticides and many reasons why doing so is a good idea. Alternatives include cultural methods such as timing, traps and barriers (including mulch) and the use of resistant plant varieties. What about less toxic products such as horticultural vinegars and oils? There is an enormous range of natural predators and parasites from the lady beetle to lacewings. Newer biological tools include corn gluten meal, Bt and other bacterial formulations such as Bacillus subtilis.





Vegetable Gardening: Warm Season Veggies 6E

Jackie Bantle; Horticulturist, Department of Plant Sciences, U of S 7:00–9:30 pm \$50 plus GST

Warm season crops like tomatoes, peppers, cucumbers and melons have their own special needs. Join Jackie for an in-depth look at what you need to know to be successful, from planting to prevention and troubleshooting to harvest!



Communications (MGCC) 7A

Vanessa Young; U of S Master Gardener Coordinator, U of S

9:00 am-4:00 pm

\$75 plus GST

As Master Gardeners, we're often visible in the community and sharing our horticultural knowledge with other gardening enthusiasts. This Master Gardener core course provides tools to hone your verbal and written communication skills.

Stained Glass Birdhouse 7B

Angie Skiba; U of S Master Gardener

9:00 am-4:00 pm

\$100 plus GST (Includes materials)

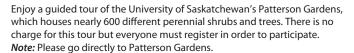
Customize a wooden birdhouse to create a one-of-a-kind work of art for the birds in your garden. No previous experience in working with glass is required. All supplies are covered in the workshop fee. Tools will be available to share or if you have access to a mosaic glass cutter, please bring it along.



Patterson Gardens and Horticulture Test Plots Tour 7C

9:30 am-noon

FREE



Hands-On Plant Propagation 7D

Jackie Bantle; Horticulturist, Department of Plant Sciences, U of S

1:00-4:00 pm

\$55 plus GST (Includes materials)

Join Jackie in the Agriculture greenhouse for a hands-on class on how to propagate your own plants. Explore different types of plant propagation methods on a variety of plants. You will be taking your new plants home with you. *Note:* This class is held at the Agriculture Greenhouse at 45 Innovation Blvd.



Hort Week Book Sale

There will be a horticulture and gardening book sale in the Agriculture Building Atrium from Monday to Thursday during Hort Week.

University of Saskatchewan Master Gardener Program

This program is open to anyone with an interest in gardening

- Registration fee of \$174.95
- Complete seven workshops delivered by trained specialists;
 - Garden Fundamentals: Soils for Horticulture and Applied Botany for Gardeners
 - Botanical Latin
 - Communications (exempt for those in the teaching profession)
 - Identifying Insects in Your Yard and Garden
 - Safe Use of Pesticides and Alternatives
 - Common Plant Diseases
 - Tree and Shrub Identification
- 40 hours volunteer service
- OPEN BOOK exam

Botanical Latin and Garden Fundamentals are available through distance education.

There are no deadlines for registration or completion of the program.

To register, call 306-966-5539

For more information, call 306-966-5097 Email master.gardeners@usask.ca Visit gardening.usask.ca



Saskatoon Horticulture Society Passport Tour

The SHS Passport Tours will be held on July 8 and July 29, 2017 from 1:00–4:00 pm. This is a drive yourself tour of some of Saskatoon's finest gardens. The SHS Home Grounds Award winner's garden will be featured on the second tour. Passports are \$15.00 per person and will be available two weeks prior to the event at Dutch Growers Garden Center and both Early's locations. For more information email: saskatoonhortsociety@sasktel.net

This year, we have more free workshops and tours than ever!

Registration is required for free classes. To register, visit gardening.usask.ca or call 306-966-5539.

Saturday, July 8

Composting 101 and Food Bank Garden Patch Tour: Join us for a tour of the Saskatoon Food Bank & Learning Centre Garden Patch and a free session on different composting techniques for gardeners.

Gardener's Tour of the Meewasin Northeast Swale: Visit the Meewasin Northeast Swale to look at native plants of the region and the impact invasive species are having on biodiversity.

Sunday, July 9

Growing Green: Sustainable Gardening on the Prairies: The ever-popular **Free Sunday Night Lecture** with Lyndon Penner.

Monday, July 10

Greenhouse Tour: Enjoy a guided tour of U of S Plant Sciences Greenhouses and get a first-hand look at the latest research.

Tuesday, July 11

W.P. Fraser Herbarium Tour: Join in this guided tour to the province's largest herbarium, which houses a collection of vascular plants of over 180,000 specimens.

Wednesday, July 12

Campus Walking Tour: Enjoy a guided walking tour of the variety of plantings on campus.

Thursday, July 13

Gardening, Naturally: Chemical Free Gardening: Learn about other tools we can use to avoid broad-spectrum chemical pesticides and many reasons why doing so is a good idea.

Friday, July 14

Patterson Gardens and Horticulture Test Plots Tour: Enjoy a guided tour of the University of Saskatchewan's Patterson Gardens, which houses nearly 600 different perennial shrubs and trees.

