



Environment

UNIVERSITY OF WISCONSIN - EXTENSION ■ COOPERATIVE EXTENSION

2012

spring/summer online catalog

central

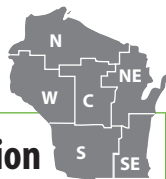
Kate Reilly, editor

Martha Martin, production coordinator

Call 608-262-0020 with general questions about the catalog; contact local groups for event specifics.

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Midwest Renewable Energy Association

7558 Deer Rd.
Custer, WI 54423
715-592-6595

Contact: Gina Miresse
ginam@midwestrenew.org
www.midwestrenew.org

1. Learn from the Experts

MREA is a national leader in providing education and training programs for consumers, businesses and renewable energy system installers. NOTE: Current workshop schedules available at

www.midwestrenew.org/workshops.

2. The 23rd Annual Energy Fair

Hundreds of workshops on renewable energy and sustainable living. WHEN: Fri.–Sun., June 15–17. NOTE: Details at

www.midwestrenew.org/energyfair.

Mosquito Hill Nature Center

N3880 Rogers Rd.
New London, WI 54961
920-779-6433

Contact: Mary Swifka
swifkamk@co.outagamie.wi.us
www.mosquohill.com

Unless otherwise noted, advance registration required for all programs.

3. Leopold Education Project Training

Curriculum training based on the writings of Wisconsin conservationist Aldo Leopold. Appropriate for K–12 educators, naturalists, 4-H/scout leaders. INSTRUCTOR: Jessica Miller. WHEN: Sat., Mar. 3, 9 am–4 pm. FEE: \$20. NOTE: Registration due ASAP.

4. Green Fire Movie Screening

Green Fire is the first full-length, high-definition documentary ever made about legendary conservationist Aldo Leopold. WHEN: Sat., Mar. 3, 1 pm. FEE: Free.

5. GLOBE at Night Training

Learn how to measure the night sky brightness in your area and submit your observations to a website from your computer or smartphone. INSTRUCTOR: Steve Petznick. WHEN: Sat., Mar. 10, 6:30–8 pm. FEE: \$6 (\$4 students, seniors, members). NOTE: Registration due ASAP.

6. Composting Basics Workshop

Learn the basics of composting and decomposition, how easy it is to compost, and view the center's compost learning station. Handouts available. INSTRUCTOR: Mary Swifka. WHEN: Sat., Mar. 24, 9–11 am. FEE: \$6 (\$4 students, seniors, members). NOTE: Registration due Mar. 16.

7. Crane Count Planning Meeting

Learn how to be a part of the Midwest Sandhill Crane Count on April 14. Participants will review a video, get instructions and receive site assignments. Outagamie County and Waupaca County sign-ups held on this day. INSTRUCTOR: Jessica Miller. WHEN: Sat., Mar. 24, 1–2 pm. FEE: Free. NOTE: Advance reservations appreciated; walk-ins welcome.

8. Annual Midwest Sandhill Crane Count

Take part in one of the largest citizen-based scientific inventories in the world. New participants are required to attend the Mar. 24 training session. WHEN: Sat., Apr. 14, 5:30–7:30 am.

9. Rain Barrel Workshop

Turn a recycled plastic 55-gallon drum into a useful tool for catching rainwater and preventing stormwater runoff problems. INSTRUCTOR: Mike Hibbard. WHEN: Sat., Apr. 14, 1–3 pm. FEE: \$60 (\$55 students, seniors, members). All materials and instructions provided. NOTE: Registration due March 24.

10. Morning Bird Hikes

Search for spring migrants. All skill levels welcome. WHEN: Sat., Apr. 21, 28; May 5, 12, 19, 26; 7–10 am. FEE: Donations appreciated. NOTE: Bring binoculars, field guide, waterproof boots; dress for the weather.

11. Invasives on Your Property

Learn the best strategies for removing unwanted plants from your yard or property. INSTRUCTOR: Steve Petznick. WHEN: Sun., May 6, 1:30–3 pm. FEE: \$6 (\$4 students, seniors, members). NOTE: Registration due Apr. 27.

12. Snakes of Wisconsin

Learn about Wisconsin's common and uncommon snakes. INSTRUCTOR: Ben Scott. WHEN: Sat., May 19, 1:30–3 pm. FEE: \$6 (\$4 students, seniors, members). NOTE: Registration due May 11.

13. An Evening of Stargazing

Learn about the transit of Venus across the sun and how to observe it on June 5. Indoor program followed by outdoor stargazing. INSTRUCTOR: Tom Jorgenson, Newstar. WHEN: Fri., June 1, 8 pm. FEE: \$6 (\$4 students, seniors, members). NOTE: Registration due May 25.

Photos courtesy of Seana Krohn and Bryan Raasch.



14. Gardening 101

Learn how to start your own vegetable garden. Course features basics on what, when and how to plant depending on your skill level, ambition and accessible space. WHEN: Sat., June 9, time TBD. FEE: TBD. NOTE: Registration due June 1.

15. Monarch Larva Monitoring Project

Learn how to take part in this cooperative study of monarch egg and larva densities in North America. Course covers monarch biology, life stage identification, parasites and general monitoring. INSTRUCTOR: Jessica Miller. WHEN: Sat., June 23, 12:30–4 pm. FEE: Free. NOTE: Registration due June 15.

16. Raising Healthy Monarchs

Learn proper handling, feeding and sanitizing techniques to raise and care for healthy monarch caterpillars and adults. INSTRUCTOR: Jessica Miller. WHEN: Sat., July 7, 12:30–3 pm. FEE: \$6 (\$4 students, seniors, members). NOTE: Registration due June 29.

17. An Evening of Stargazing

Indoor program followed by outdoor stargazing. INSTRUCTOR: Wayne Abler, Newstar. WHEN: Fri., July 13, 8 pm. FEE: \$6 (\$4 students, seniors, members). NOTE: Registration due July 6.

18. Perseid Meteor Shower Camp-out

Learn about the Perseid meteor showers, then camp out to watch them. WHEN: Sat., Aug. 11, 8 pm. FEE: \$6 (\$4 students, seniors, members); camping fees extra. NOTE: Registration due Aug. 1.

19. Fall Bird Hike

INSTRUCTOR: Steve Petznick. WHEN: Sat., Aug. 25, 7:30–10 am. FEE: Donations appreciated.

20. Once in a Blue Moon

Learn about the blue moon and its significance to the night sky. INSTRUCTOR: Steve Petznick. WHEN: Fri., Aug. 31, 8 pm. FEE: \$6 (\$4 students, seniors, members). NOTE: Registration due Aug. 24.

Raptor Education Group, Inc. (REGI)

P.O. Box 481
Antigo, WI 54409
715-623-2563
Contact: Molly McKay
mollym.regi@gmail.com
www.raptoreducationgroup.org

21. Raptor Education Group, Inc. Tours

Meet resident raptors face to face. INSTRUCTORS: REGI Staff. WHEN: 10 am and 1 pm, every Tues., Thurs., and 2nd Sat., June–Aug. NOTE: Pre-registration required. Call to schedule. Private appointments available for groups of 10 or more. Weather dependent.

Sandhill Wildlife Area Outdoor Skills Center

1715 County Hwy X
Babcock, WI 54413
715-884-6335
Contact: Britt Searles
britt.searles@wisconsin.gov
www.dnr.wi.gov

All programs meet at Sandhill Outdoor Skills Center in Babcock. Registration forms can be found on website.

22. Wilderness First Aid Course

Designed for anybody spending time in remote areas; participation leads to WFA certification. Instructor certification track available. INSTRUCTOR: Dr. Rod Erickson. WHEN: Sat.–Sun., Mar. 3–4. FEE: \$95, includes dorm stay, two meals and instructional materials. NOTE: Preregister by Feb. 10.

23. Exploring the Night Sky

Learn to identify the season's constellations, bright stars, planets and more using binoculars or the naked eye. INSTRUCTOR: Art Stevenson. WHEN: Sat., Apr. 21, 7:30 pm. FEE: \$10. NOTE: Preregister by April 11.

24. Friends of Sandhill Open House

Join the Friends of Sandhill for a day of fun exploring nature's secrets at Sandhill. WHEN: Sat., Apr. 28, 10 am–2 pm.

25. Dutch Oven Cooking

Learn to cook delicious dishes in a Dutch oven and eat your creations! INSTRUCTOR: Laura Huber. WHEN: Sat., May 5, 10 am–3 pm. FEE: \$25. NOTE: Preregister by April 27.

26. Morning is for the Birds

Find out which feathered friends are making a stop at Sandhill this spring. Designed for the novice birder. INSTRUCTOR: Craig Thompson. WHEN: Sat., May 19, 7–10 am. FEE: Free. NOTE: Preregister by May 11. Class is weather dependent.

Treehaven—UWSP

W2540 Pickerel Creek Rd.
Tomahawk, WI 54487
715-453-4106
Contact: John Heusinkveld
treehaven@uwsp.edu
www.uwsp.edu/cnr/treehaven

Please check our website for updates, more information and new workshops.

27. Art in the Forest

WHEN: Fri.–Sun., Mar. 2–4.

28. Fly-Tying and Trout Stream Entomology

Fly-tying techniques, trout stream invertebrates, stream ecology resource ethics and theories on hatch matching and fly presentation. Tie common fly patterns for trout. WHEN: Fri.–Sun., Mar. 2–4.

29. Natural Materials Workshop: One-Day Black Ash Basketry

Learn the fundamentals of this form of splint work while making a small basket. WHEN: Sat., Mar. 10.

30. Natural Materials Workshop: Carving the Scandinavian-Style Eating Spoon

Carve a fine eating spoon from a variety of wood choices. WHEN: Sat., Mar. 24.

31. Birds-n-Brunch

Friday evening program and Saturday morning bird-watching and hike. INSTRUCTOR: Katy Koch, US Fish and Wildlife Service Midwest Bird Monitoring Coordinator. WHEN: Fri.–Sat., May 11–12.

32. Greening Your Math

Keep high school students interested in math by getting outside and learning to use some green outdoor elements and simple mathematics tools. WHEN: Fri.–Sun., May 11–13. NOTE: UWSP undergraduate credit available.

northeast**Bay Beach Wildlife Sanctuary**

1660 East Shore Dr.
Green Bay, WI 54302
920-391-3671
Contact: Kim Diedrich
www.baybeachwildlife.com
www.twitter.com/BayBeachWLS
<http://baybeachwls.blogspot.com>
www.facebook.com/baybeachwildlifesanctuary

33. R-PAWS Training Session

Learn about wildlife rehabilitation and get involved in R-PAWS volunteer program. WHEN: Sat., Mar. 31, 8 am–1 pm. FEE: \$2. NOTE: Pre-registration required. Must be 18 years or older to attend.

34. Trail Walks

Six miles of hiking trails. WHEN: Wed., Apr. 4, 11, 18, 25, 3:30 pm. FEE: \$3 (\$2 Friends member or resident). NOTE: Weather permitting; pre-registration required.

35. Morning Bird Walks

WHEN: Wed., Apr. 25, May 2, 9; Sat., Apr. 28, May 5, 12; 6:30 am. FEE: Free. NOTE: Weather permitting; bring binoculars and a field guide.

36. Spring's Wings: International Migratory Bird Day

Bird activities and hikes at Bay Beach and other Brown County locations. WHEN: Sat., May 12. FEE: Free. NOTE: Hike schedule posted in early April at www.baybeachwildlife.com.

Brillion Nature Center

W1135 Deerview Rd.
Brillion, WI 54110
920-756-3591
Contact: Jennifer Kolberg
louie@brillionnaturecenter.net
www.BrillionNatureCenter.net

37. Seed Paper

Use old newspaper, natural fibers and flower seeds to make hand-made seed paper for gifting. WHEN: Sat., Mar. 10, 1–2:30 pm. FEE: \$5 (\$3 members).

38. Older and Wiser Learning for Seniors (O.W.L.S.): Maple Syrup

Discuss syrup making and the history behind it and enjoy a sweet treat. WHEN: Thurs., Mar. 15, 2–3 pm. FEE: \$5 (\$3 members).

39. Maple Syrup Camp

Observe maple tree tapping and participate in sap collection. Learn old and modern methods of boiling sap to make maple syrup; sample the finished product over ice cream. WHEN: Sat., Mar. 24, 10 am–2 pm. FEE: Free, donations appreciated. NOTE: Weather dependent; call the nature center to confirm. Children under 16 must be accompanied by an adult.

40. Annual Spring Banquet

Learn more about BNC. WHEN: Sat., Apr. 14, cocktails 5 pm, dinner 6:30 pm. FEE: Call for ticket information. NOTE: Admission includes BNC membership and dinner.

41. Older and Wiser Learning for Seniors (O.W.L.S.): Sandhill Cranes

Learn the history of the incredible bird behind the Brillion Nature Center's logo. Find out why sandhill cranes were almost eliminated from our area and how they made their comeback. WHEN: Thurs., Apr. 19, 2–3 pm. FEE: \$5 (\$3 members).

42. Earth Day Paddle

WHEN: Sat., Apr. 21. NOTE: See website or call center for more information.

43. Older and Wiser Learning for Seniors (O.W.L.S.): Life in a Log

Discover organisms that make their home in rotting logs. Discuss the role each plays and how they are important strands in the web of life. WHEN: Thurs., May 17, 2–3 pm. FEE: \$5 (\$3 members).

44. Wildflower Walk

View and learn about many of the native spring plants along the natural trails. WHEN: Sat., May 19, 2–3 pm. FEE: \$1 individuals (free for members), \$3 household. NOTE: Dress for the weather and possible muddy conditions.

45. Nature Scavengers

Learn about some of the animals that help keep things clean by recycling dead plants and animals back into fertile soil. Written clues and riddles create a unique scavenger hunt on the nature center trails. WHEN: Sat., June 9, 1:30–2:30 pm. FEE: \$1 individuals (free for members), \$3 household. NOTE: This program is intended to challenge people of all ages.

46. Older and Wiser Learning for Seniors (O.W.L.S.): Stories by the Fire

Learn about the science, history and modern use of fire. Listen to and tell stories around a blazing fire. WHEN: Thurs., June 21, 2–3 pm. FEE: \$5 (\$3 members). NOTE: Weather permitting, the program will be held outdoors; otherwise we will gather around the classroom fireplace.

47. Groundwater

Discover the role groundwater plays in Calumet County and around the Brillion Marsh. Learn how to protect this important natural resource. Optional ½-mile hike out to the marsh overlook and back. WHEN: Mon., July 9, 6–7 pm. FEE: Free.

48. Older and Wiser Learning for Seniors (O.W.L.S.): Groundwater

Discover the role groundwater plays in Calumet County and around the Brillion Marsh. Learn how to protect this important natural resource. WHEN: Thurs., July 19, 2–3 pm. FEE: \$5 (\$3 members).

49. Art in the Prairie

Watch the creative process in action and learn from local artists as they create art in the Brillion Nature Center prairie. WHEN: Sat., Aug. 11, noon–4 pm. FEE: Free. NOTE: See website or call center for more information.

50. Older and Wiser Learning for Seniors (O.W.L.S.): Dragonflies

Learn about some of the most common dragonfly species around the pond and learn to identify them. WHEN: Thurs., Aug. 16, 2–3 pm. FEE: \$5 (\$3 members).

Fond du Lac County Audubon Society

P.O. Box 84
Fond du Lac, WI 54911
920-922-7931
Contact: Diana Beck
dbeck7931@charter.net
www.fdlaudubon.org

51. Dandelion Festival

Celebrate all things dandelion. Dandelion food and drink sampling, cooking contest, musical entertainment, craft opportunities, dandelion products for purchase, dandelion stories and information. WHEN: Sat., May 12, 10:30–3 pm. FEE: Free. NOTE: The festival is held at the Sunseed Eco-Education Center, 110 Notre Dame St., Mt. Calvary.

Gardens of the Fox Cities

1313 E. Witzke Blvd.
Appleton, WI 54911
920-993-1900
Contact: Hannah Schraufnagel
info@gardensfoxcities.org
www.gardensfoxcities.org

52. Pruning Your Garden

Bring your own hand bypass-type pruner to this winter garden maintenance workshop. Beginners learn about pruning technique and maintaining equipment. INSTRUCTOR: Lucy Valitchka. WHEN: Sat., Mar. 10, 10 am–noon. FEE: \$8 (\$4 members).

53. Make Your Own Worm Bin

You provide the container and we provide everything else, including the worms, to make and maintain your worm "farm." INSTRUCTOR: Jeanne Powley. WHEN: Wed., Mar. 14, 6–7 pm. FEE: \$22 (\$18 members).

54. Backyard Birds

Learn about backyard bird-watching and receive a copy of Mohr's book *Backyard Bird Book for Kids*. Prepare for a guided hike and practice using binoculars. INSTRUCTORS: Janet Mohr and Hannah Schraufnagel. WHEN: Sat., Mar. 24, 10–11:30 am. FEE: \$8 (\$4 members).

55. Fundamentals of Vegetable Gardening: What You Need to Know to Grow a Healthy Garden

Learn about starting and managing your vegetable garden. INSTRUCTOR: Bill Wright. WHEN: Wed., Mar. 28, 6–7:30 pm. FEE: \$8 (\$4 members). NOTE: Bring a notebook.

56. Let's Talk Roses

Learn how to prune, fertilize, feed and prevent disease in roses. INSTRUCTOR: Carl Christensen. WHEN: Mon., Apr. 16, 6–7:30 pm. FEE: \$10 (\$6 members). NOTE: Appropriate for all skill levels.

57. There's an Artist in You: SLR Advanced Outdoor Photography

Course offers advanced outdoor photography instruction and the chance to turn a picture into art. INSTRUCTORS: Debbie Daanen and Ashley Schmit. WHEN: Wed., Apr. 18, 6–8 pm. FEE: \$10 (\$6 members). NOTE: Bring your own SLR camera and a favorite picture.



58. Ornamental Trees and Shrubs

Learn identification and proper care of ornamental trees and shrubs hardy for zone 4 and colder. Includes a walk around the Gardens' grounds. INSTRUCTOR: Jessica Wickland. WHEN: Wed., May 16, 5:30–7:30 pm. FEE: \$10 (\$6 members).

59. Bees, Hives and Honey

Learn about honeybees, participate in a honey harvesting demonstration and take a jar of honey home. INSTRUCTOR: Jim Nelson. WHEN: Tues., May 22, 5–6:30 pm. FEE: \$12 family (\$8 member family). NOTE: Appropriate for children 9 and older, accompanied by an adult.

60. Fly By, Butterfly

Learn how to attract four of the most common butterflies to your backyard by planting host and nectaring plants. INSTRUCTOR: Cheryl Root. WHEN: Thurs., May 31, 6–7:30 pm. FEE: \$10 family (\$6 member family).

61. Monarch Magic

Experience the life cycle of the monarch butterfly. INSTRUCTOR: Cheryl Root. WHEN: Thurs., July 12, 2–3:30 pm. FEE: \$10 family (\$6 member family).

62. Life In, Under and Around the Pond

Dig in the muck and identify macro-invertebrates, go on a scavenger hunt and participate in sensory and buffer zone activities. INSTRUCTOR: Cheryl Root. WHEN: Tues., Aug. 21, 2–3:30 pm. FEE: \$10 family (\$6 member family). NOTE: Wear old shoes or boots.

63. The "How" and "Why" of Native (Prairie) Landscaping

Learn about the care of prairie plants and explore different approaches of planting and maintaining an actual prairie. INSTRUCTOR: Annette Weissbach. WHEN: Wed., Aug. 22, 5–8 pm. FEE: \$10 (\$6 members).

Ledge View Nature Center

P.O. Box 54
W2348 Short Rd.
Chilton, WI 53014
920-849-7094

Contact: Ron, Jane or Stephanie
ledgeview@co.calumet.wi.us
www.co.calumet.wi.us (click on
Departments: Parks: Ledge View)

Check website for updates and additional workshops.

64. Backyard Maple Syruping

Learn how to collect maple sap and make maple syrup, using ordinary household equipment. WHEN: Sat., Mar. 17, 1 pm. FEE: \$4.

65. Maple Syrup Sunday Open House

Learn about the maple syrup-making process. WHEN: Sun., Apr. 1, 9 am–4 pm. FEE: Free. NOTE: Optional pancake breakfast, 9 am–1 pm, \$6 adults.

66. The Insect World

Get some bug information and view exhibits. INSTRUCTOR: Phil Pellitteri. WHEN: Sat., Apr. 14, 1:30 pm. FEE: Free.

67. Spring Wildflower Hike

Hike the woodland trails to see spring flowers and learn flower folklore. WHEN: Sun., May 6, 1 pm. FEE: \$3.

68. Footloose Walk

Healthy foods and exercise in the fresh air. WHEN: Sat., May 12. NOTE: Discount for pre-registration. Visit website or call for more information.

69. Mother's Day Wildflower Hike

WHEN: Sun., May 13, 1 pm. FEE: \$3 (mothers free).

70. Early Bird Hike

Look and listen for migrating birds. WHEN: Sat., May 19, 8:30 am. FEE: \$3. NOTE: Bring binoculars and field guide.

71. Guided Cave Tours

Learn geology, biology and human history of natural caves. WHEN: Most weekends at 1 pm, starting May 19; some summer weekdays. FEE: \$6. NOTE: Bring flashlight; call to confirm schedule. Caves only accessible on naturalist-led tour.

72. Crawl Cave Tour

Guided tours of Carolyn's and Mothers Caves. Mothers Cave is explored **by crawling**. WHEN: Most Saturdays at 9:30 am, starting June 16. FEE: \$7. NOTE: Bring flashlight; call to confirm schedule. Caves only accessible on naturalist-led tour.

73. Prairie Wildflower Hike

View prairie flowers, learn prairie facts and flower folklore. WHEN: Sat., July 21, 10 am. FEE: \$3.

Marinette County Land and Water Conservation Division (LWCD)

1926 Hall Ave.
Marinette, WI 54143-1717
715-732-7780
Contact: Anne Bartels
abartels@marinettecounty.com
www.marinettecounty.com

74. Astronomy at the Arboretum

Introduction to stars, constellations, star-lore and other space-related topics. WHEN: Thurs., Apr. 19, 7:45–9 pm. FEE: Free. NOTE: Held at Harmony Arboretum, N3890 County Road E. Dress for the weather. Event will be canceled in the case of inclement weather.

75. Froggy Night Hike

Learn about native frogs, hear frog songs and learn to identify them. WHEN: Thurs., May 3, 6:30–8 pm. FEE: Free. NOTE: Held at the Hemlock Curve Nature Trail, Badger Rd., south of Peshtigo; hike is 2½ miles long, insect/tick repellent recommended.

76. Spring Wildflower Walk

Guided tour of spring wildflowers in the Harmony Hardwoods Memorial Forest. WHEN: Sat., May 12, 9:30–11:30 am. FEE: Free. NOTE: Meet at Harmony Arboretum Pavilion, N3890 County Road E. Wear good walking shoes and insect repellent.

77. Bird Hike

Guided hike through Harmony Hardwoods to view and hear many different birds. INSTRUCTOR: Greg Cleereman. WHEN: Sat., June 2, 6–8 am. FEE: Free. NOTE: Held at Harmony Arboretum, N3890 County Road E. Bring boots, binoculars, insect repellent, water and field guides.

78. Astronomy at the Arboretum

Introduction to stars, constellations, star-lore and other space-related topics. WHEN: Thurs., July 26, Aug. 16, 8:45–10 pm. FEE: Free. NOTE: Held at Harmony Arboretum, N3890 County Road E. Dress for the weather. Event will be canceled in the case of inclement weather.

79. Prairie Walk

Learn about prairies and restoration efforts. WHEN: Thurs., Aug. 9, 6–8 pm. FEE: Free. NOTE: Held at Harmony Arboretum, N3890 County Road E.

Wild Ones Fox Valley

2285 Butte des Morts Beach Rd.
Neenah, WI 54956
920-730-3986
Contact: Donna VanBuecken
wildonesfoxvalley@gmail.com
www.wildones.org/chapters/foxvalley

80. Rain Barrel Workshop

Build your own rain barrel. WHEN: Sat., Apr. 21, 9 am or 1 pm; Fri., May 18, 5 pm. FEE: \$50. NOTE: Pre-registration and payment required.

northern**Kemp Natural Resources Station**

9161 Kemp Rd.
Woodruff, WI 54568
715-358-5667
Contact: Karla Ortman
kemp@cals.wisc.edu
www.kemp.wisc.edu

81. Summer 2012 programs will be listed at www.kemp.wisc.edu.

North Lakeland Discovery Center

215 County Road W
Manitowish Waters, WI 54545
715-543-2085
Contact: Katie Simonsen
katie@discoverycenter.net
www.DiscoveryCenter.net

Programs held at the Discovery Center in Manitowish Waters, unless otherwise noted.

82. Saturday Field Studies: Green Plants in Snow

Learn about the plants that stay green, even when covered by snow. Take measurements on distribution and abundance, establish a schedule to observe and post photos throughout the year. WHEN: Sat., Mar. 3, 1–2:30 pm. FEE: \$10 (\$8 members). NOTE: Dress for the weather.

83. Nibbles 'n Knowledge:**Circumnavigating Lake Superior: A Dad and His Three Boys**

INSTRUCTOR: Joe Bodewes, DVM. WHEN: Thurs., Mar. 8, 5–7 pm. NOTE: Held at Camp Jorn; call for information.

84. Porcupine Den Tour

Snowshoe through the forest in search of porcupines. Explore a den and porcupine sign. WHEN: Sat., Mar. 10, 9:30 am–12:30 pm. FEE: \$18 (\$15 members). NOTE: Snowshoe rental, \$5 pair.

85. Bird Banding

Bird banding demo from capture to release. WHEN: Sat., Mar. 10, 10 am–noon. FEE: \$13 (\$10 members, \$7 youth 16 and under).

86. Vermicomposting 101

Learn how to use worms as composters. Course covers basic components of a healthy composter, worm care and how to use compost. WHEN: Sat., Mar. 17, 1–2 pm. FEE: \$7 (\$5 members).

87. Cosmic Campfires: Vernal Equinox

Learn equinox traditions from around the world. WHEN: Tues., Mar. 20, 4:30–6:30 pm. FEE: Free, donations welcome. Optional soup, hot drinks and s'mores: \$7 (\$5 members). NOTE: Bring blankets, binoculars and dress warmly.

88. Maple Sugaring Tour

See the process from trees to bottles and sample previous years' harvests. WHEN: Sat., Mar. 24, 12:30–3:30 pm. FEE: \$18 (\$15 members, \$10 youth 16 and under).

89. Introduction to Macrophotography

Learn techniques for capturing close-ups of bugs, flowers, fungi and more. Overview of lenses, lighting and lining up the perfect shot. Outdoor practice, weather permitting. WHEN: Sat., Mar. 24, 1–2:30 pm. FEE: \$18 (\$15 members). NOTE: Equipment not required, but you can bring a macro lens, tripod and DSLR camera.

90. Research Reviews: Restoration Ecology

Can we really "bring back" a community once it has been destroyed? WHEN: Tues., Mar. 27, 3–4 pm. FEE: Free, donations welcome.

91. Saturday Field Studies: Field Techniques

Learn how to use a compass, incorporate basic tree ID and topography descriptions, and measure angles and distances in the field. WHEN: Sat., Apr. 7, 1–2:30 pm. FEE: \$10 (\$8 members). NOTE: Dress for the weather.

92. Nibbles 'n Knowledge: Loons in Wisconsin—Research and Management

INSTRUCTOR: Zach Wilson. WHEN: Thurs., Apr. 12, 5–7 pm. NOTE: Held at Camp Jorn; call for information.

93. Understanding Black Bears

Course covers ecology, biology, life cycle and characteristics of the common black bear. WHEN: Sat., Apr. 14, 1–2 pm. FEE: \$7 (\$5 members).

94. Saw-whet Owl Banding

A late-night search for these palm-sized owls. INSTRUCTOR: Bruce Bacon. WHEN: Sat., Apr. 14, 8–10 pm. FEE: \$18 (\$15 members).

95. Research Reviews: Climate Change

Look at some of the research behind this intensely debated concept. WHEN: Tues., Apr. 17, 3–4 pm. FEE: Free, donations welcome.

96. Crane Count

Annual count and search for Sandhill Cranes. WHEN: Sat., Apr. 21, 5:30–7:30 am. FEE: Free, donations welcome. NOTE: Call for locations and details.

97. Earth Day Celebration

An overview of the history of Earth Day, its impact on current environmental understanding and simple ways to get involved. Includes a short hike. WHEN: Sat., Apr. 21, 3–4 pm. FEE: Free, donations welcome.

98. Cosmic Campfires: Lyrids Meteor Shower

Weather permitting, this will be the first major shower in over a year with no moon. WHEN: Sat., Apr. 21, 6–8 pm. FEE: Free, donations welcome. Optional soup, hot drinks and s'mores: \$7 (\$5 members). NOTE: Bring blankets, binoculars and dress warmly.

99. Early Wildflower Walk

Learn identification and adaptations of early wildflowers. WHEN: Mon., Apr. 23, 10–11:30 am. FEE: \$5 (\$3 members).

100. Spring Workshop—Technology's for the Birds!

Three-part series will explore and review the latest in birding technology. Birders (and techies) of all levels welcome. WHEN: Tues.–Thurs., Apr. 24–26, 4:30–6 pm.

101. Van Vliet Hemlock Old Growth Hike

Hike through several forest types. WHEN: Fri., Apr. 27, 1–2:30 pm. FEE: \$7 (\$5 members). NOTE: Meet at the East Van Vliet trail head or carpool from the Discovery Center.

102. Warbler Wake-Up Workshop

Hike followed by workshop to explore warbler calls, morphology and migration patterns. WHEN: Sat., Apr. 28, 6:30–8:30 am. FEE: \$13 (\$10 members); includes continental breakfast.

103. "The Big Day" International Migratory Bird Day

See how many birds you can spot in one day. Prizes, awards and gifts for all levels of birders. WHEN: Sat., May 12. NOTE: Check website for more details.

104. 8th Annual Birding Festival

Local and regional experts, tours, hikes, workshops. WHEN: Fri.–Sat., May 18–19. FEE: \$45 (\$40 members).

**St. Croix County Land and Water Conservation Department**

1960 8th Ave., Suite 141
Baldwin, WI 54002
715-531-1915
Contact: Aleisha Miller
aleisha.miller@co.saint-croix.wi.us
www.sccwi.us/lwcd

105. St. Croix County Earth Day Celebration

Family-friendly environmental activities, presentations, booths and crafts. WHEN: Sun., Apr. 29, noon–4 pm. FEE: Free. NOTE: Held in Hudson at Camp St. Croix or Hudson Schools.

106. Blue Thumb® Raingarden Classes

Learn how raingardens divert stormwater into the ground, rather than storm sewers. INSTRUCTORS: Aleisha Miller and Tamara Wittmer. WHEN: April, May. FEE: \$15. NOTE: Classes held in Hudson, River Falls, New Richmond, Baldwin. Call to confirm.

Trees for Tomorrow

P.O. Box 609
Sheridan St. East
Eagle River, WI 54521
715-479-6456
Contact: Carol Olson
learning@treesfortomorrow.com
www.treesfortomorrow.com

All programs are held at Trees for Tomorrow's historical campus in Eagle River. Workshops are intended for teachers to take for credit, but are generally open to all adults.

107. Nature Photography

Learn about lighting, exposure, composition and basic computer photo editing. Hands-on practice in the Northwoods. INSTRUCTOR: Doug Moore. WHEN: Wed.–Sun., July 11–15. FEE: \$350 (additional \$300 if taken for credit).

108. Utilizing Wood for Energy

Gain experience in adapting a wood energy curriculum specific to your area, the ability to explain currently available wood products and how they are produced, and the economic/societal/environmental impacts of using wood energy. INSTRUCTOR: Don Peterson. WHEN: Mon.–Wed., July 23–25. FEE: \$50 non-refundable deposit, plus course fee TBD.

southeast

Concordia Center for Environmental Stewardship

12800 N. Lake Shore Dr.
Mequon, WI 53097
262-243-2237 CCES mainline
262-243-4555 (Bruce)
Contact: Bruce Bessert
bruce.bessert@cuw.edu
www.cuw.edu/cces

109. Please contact us for programming information.

Keep Greater Milwaukee Beautiful

1313 W. Mount Vernon Ave.
Milwaukee, WI 53233
414-272-5462 ext. 105
Contact: Emily Brown
ebrown@kgmb.org
www.kgmb.org

NOTE: Refer to website for workshop dates and registration.

110. Home Composting: The Secret to Healthy Soil and Gardens

Turn kitchen scraps and yard waste into a healthy soil amenity to benefit and beautify your garden and lawn. WHEN: Mar.–Aug. INSTRUCTOR: Master Gardener or KGMB staff. FEE: \$15.

111. Vermicomposting: Let Worms do the Dirty Work

Learn how to build a simple indoor worm bin using common household items. WHEN: Mar.–Aug. INSTRUCTOR: Master Gardener or KGMB staff. FEE: \$15

112. Planning by Nature: Using Rain Gardens to Enhance Your Landscape

Learn how to design your own rain garden that will attract butterflies and birds while maximizing water efficiency. WHEN: Mar.–Aug. INSTRUCTOR: Master Gardener or KGMB staff. FEE: \$15.

113. Rain Barrels: Every Drop Counts

Learn how to use this rain collection system to water your garden and lawn. WHEN: Mar.–Aug. INSTRUCTOR: Master Gardener or KGMB staff. FEE: \$15.

114. Tree Care for Homeowners

Learn about tree selection, planting techniques, proper maintenance and care. WHEN: Mar.–Aug. INSTRUCTOR: Arborist or KGMB staff. FEE: \$15.

Pringle Nature Center

9800 160th Ave.
Bristol, WI 53104
262-857-8008
Contact: Valerie Mann
naturalist@pringlenc.org
www.pringlenc.org

115. Vernal Equinox Hike

Talk about the moon and how the equinox is celebrated. WHEN: Sat., Mar. 17, 7–8:30 pm. FEE: \$5 (\$3.75 Friends).

116. Invasive Species Work Day

Combat buckthorn, honeysuckle, garlic mustard and more. WHEN: Sat., Apr. 28, May 26, June 23, July 28, Aug. 25; 9 am–noon. NOTE: Tools provided; please bring work gloves.

117. Mother's Day Brunch and Ephemeral Spring Wildflower Hike

Bring mom out for a light brunch; naturalist-led walk through the woods to learn about blooming wildflowers. WHEN: Sun., May 13, 10 am–1 pm. FEE: \$12 (\$10 Friends). NOTE: Call to reserve a spot and sign up for a hike time.

118. Plant Exchange

Trade your excess plants with others and take home new plants for your yard. WHEN: Sat., May 26, 1–2:30 pm. FEE: Free.

119. Dad and Me Sunset Solstice Hike

Celebrate Father's Day with an evening hike through the woods as we learn about the solstice. WHEN: Sun., June 17, 7:30–9 pm. FEE: \$5 (\$3.75 Friends). NOTE: Call to reserve a spot.

120. Perseid Meteor Shower Viewing

View the night sky during the Perseid peak. WHEN: Sat., Aug. 11, 9:30–11 pm. FEE: \$5 (\$3.75 Friends). NOTE: Dress for the weather. Please call to confirm.

Retzer Nature Center

514 W28167 Madison St.
Waukesha, WI 53188
262-896-8007
Contact: Larry Kascht
www.friendsofretzer.org

Please call the center for program details and fees.

121. Volunteer Teacher Naturalist Training

For adults interested in volunteering to lead school group hikes. WHEN: Ongoing.

122. ID Trees & Shrubs in Leafless Condition

Identify native SE WI trees and shrubs in their leafless condition. WHEN: Sat., Mar. 31, 9–11 am. FEE: \$5. NOTE: Walk-in registration, cash or check only.

123. Aldo Leopold Weekend Program

Celebrate and recognize the accomplishments of noted conservationist Aldo Leopold. WHEN: Sat., Mar. 31, 1–4 pm.

124. Morning Bird Hikes

Enjoy the early morning and the return of our feathered friends. WHEN: Fri., Apr. 6, 13, 20, 27, May 4, 11, 18, 25, June 1, 8, 15, 22, 29; 7–8:30 am. FEE: \$1.

125. Earth Week: Canoe Outing

WHEN: Sun., Apr. 22, 1–4 pm. FEE: Free. NOTE: Registration required.

126. Earth Week: GPS-Aided Hiking

Use and explore GPS techniques on our trails. Review basic GPS operation and orienteering skills. WHEN: Tues., Apr. 24, 10–11:30 am. FEE: Free. NOTE: Adults only. Registration required by Apr. 19.

127. Earth Week: Birds of Prey Program

WHEN: Wed., Apr. 25, 7–9 pm. FEE: Free. NOTE: Registration appreciated.

128. Earth Week: Earth Watch and Extravaganza

Concert and night hike. WHEN: Sat., Apr. 28. FEE: Free.

129. GPS-Aided Hiking for Families

Use and explore GPS techniques on our trails. Review basic GPS operation and orienteering skills. WHEN: Sat., May 5, 10–11:30 am. FEE: \$4 per person. NOTE: Registration required by Apr. 30.

130. Spring and Fall Native Plant Sales

Purchase wildflowers and native grasses. WHEN: Sat., May 12 and Aug. 25, 9 am–noon.

131. Evenings Trails

Discover the blooming "stars" of spring. WHEN: Fri., May 18, 6:30–8 pm. FEE: \$5. NOTE: Registration due by May 13. Appropriate for adults and families with older children.

132. Bird and Wildflower Hike

Experience springtime warblers and wildflowers. WHEN: Sat., May 19, 1–3 pm. FEE: \$5. NOTE: Walk-in registration; bring binoculars and field guides.

Seno Woodland Education Center

3606 Dyer Lake Rd.
Burlington, WI 53105
262-539-3222
Contact: Kendra Johncock
senocenter@senocenter.org
www.senocenter.org

Check website for additional program information.

10 Acres or More: What's in Store Workshop Series

A five-workshop series for landowners. Choose to attend one or all workshops. FEE: \$10 per session or \$40 for all five.

133. How Does Your Woods Grow?

WHEN: Thurs., Apr. 26, 6–9 pm.

134. Attracting Wildlife

WHEN: Thurs., May 10, 6–9 pm.

135. Native and Non-Native Species

WHEN: Thurs., May 24, 6–9 pm.

136. Map Your Property Using GPS and Locate Your Different Soil Types

WHEN: Thurs., June 7, 6–9 pm.

137. Basics of Ponds and Wildlife Scrapes

WHEN: Thurs., June 21, 6–9 pm.

138. Pioneer Woodland Rendezvous

Visit camps, interact with presenters and learn about life in the late 1700s and early 1800s. WHEN: Sat., May 19, 9 am–4 pm; Sun., May 20, 9 am–3 pm. FEE: \$3 (\$1 children 12 and under).

UW–Milwaukee Field Station

3095 Blue Goose Rd.
Saukville, WI 53080
262-675-6844
Contact: Gretchen Meyer
fieldstn@uwm.edu
www.fieldstation.uwm.edu

Registration information, fees and course descriptions available on website. All courses may be taken for credit or non-credit.

139. Creative Writing about the Natural World

INSTRUCTOR: Dr. Mary Linton. WHEN: Fri.–Sat., Apr. 20–21.

140. Field Herpetology: Identification of Wisconsin Amphibians and Reptiles

INSTRUCTOR: Dr. Josh Kapfer. WHEN: Fri.–Sat., June 1–2, Sun., June 3 is optional.

141. Sedges: Identification and Ecology

INSTRUCTOR: Dr. Anton Reznicek. WHEN: Fri.–Sat., June 15–16.

142. Vegetation of Wisconsin

INSTRUCTORS: Dr. James Reinartz and Marc White. WHEN: Mon.–Sat., June 18–23.

143. Methods for Description of Vegetation

INSTRUCTOR: Dr. James Reinartz. WHEN: Mon.–Sat., July 16–21.

144. Introduction to Insects

INSTRUCTORS: Dr. Gretchen Meyer and Robert Clare. WHEN: Fri.–Sat., July 27–28.

145. Native Mussels of Wisconsin: An Amazing Resource

INSTRUCTOR: Lisie Kitchel. WHEN: Fri.–Sat., Aug. 10–11.

146. Spiders: Identification and Ecology

INSTRUCTOR: Dr. Michael Draney. WHEN: Fri.–Sat., Aug. 17–18.

Waukesha County Dept. of Parks & Land Use

262-896-8305
Contact: Jayne Jenks
jjens@waukeshacounty.gov
www.waukeshacounty.gov/cleanwater

147. Volunteer Stream Monitoring Training

Learn to collect stream data. Receive all equipment needed in return for monthly monitoring commitment. INSTRUCTOR: Jayne Jenks. WHEN: Sat., May 12, 8:30 am–2:30 pm. FEE: Free. NOTE: Held at UW–Waukesha Field Station, 1234 S. Waterville Rd., Oconomowoc. Bring your own lunch.

Waukesha County Dept. of Parks & Land Use—Recycling

515 W. Moreland Blvd.—AC 260
Waukesha, WI 53188
262-896-8300
Contact: Linda Wainstock
recycling@waukeshacounty.gov
www.waukeshacounty.gov/recycling

148. Family Open House at Recycling Facility

See where recyclables are sorted, baled and readied for shipment to manufacturers. See new products made from recyclables. INSTRUCTORS: County recycling staff. WHEN: Sat., Apr. 14, 10 am–noon. FEE: Free. NOTE: Held at Waukesha County Materials Recycling Facility, 220 S. Prairie Ave., Waukesha.

Wehr Nature Center

9701 W. College Ave.
Franklin, WI 53132
414-425-8550
Contact: Bev Bryant
wehrnaturecenter@milwcnty.com
<http://milwaukee.gov/WehrNatureCenter10115.htm>

Call for confirmation, fee and registration information. \$3 parking fee at the center.

149. WNC'S Master Naturalist Classes

Ongoing classes to develop an understanding of natural history and how to apply it to teaching and citizen science. WHEN: Contact WNC for details on dates and times. FEE: \$120 for 15-class series.

150. Maple Sugar Days

Learn about the maple syrup process during a hike to the sugarbush and visit an old-time sugarin' camp. WHEN: Sat. and Sun., Mar. 24 and 25, 1–4 pm. FEE: \$5.50.

151. C & I 525: Teaching Evolution in the 21st Century

A UW–Milwaukee credit course. WHEN: Sat.–Sun., Mar. 31–Apr. 1, 8:30 am–4:30 pm. NOTE: For more information, visit: www4.uwm.edu/soe/departments/outreach/programs_courses/.

152. In Celebration of Earth Day

Guided hikes, energy education displays, activities and crafts. WHEN: Sun., Apr. 22, noon–4 pm. FEE: \$2.

153. C & I 525: Teaching with Live Animals

A UW–Milwaukee credit course. WHEN: Sat.–Sun., Apr. 28–29, 8:30 am–4:30 pm. NOTE: For more information, visit: www4.uwm.edu/soe/departments/outreach/programs_courses/.

154. Reptile Day

See reptiles and amphibians up close. WHEN: Sun., May 6, 1–4 pm. FEE: \$2.

155. Bird Walks with Paul

WHEN: Sun., May 6, 13, 20, 27; 7:30 am. FEE: Free. NOTE: Bring binoculars and field guides. Call to confirm dates.

156. Native Plant Sale

Pre-orders recommended. Contact Wehr for order forms. Pre-orders due by Apr. 27. WHEN: Sat.–Sun., May 12–13, 9 am–3:30 pm.

157. Butterfly Count

The annual butterfly count begins with a review of common butterflies, followed by walking the Wehr Nature Center grounds to tally butterflies and caterpillars. WHEN: Sat., June 30, 9 am–2 pm. NOTE: Register by June 29.

Wisconsin Garden Club Federation

Elwood H. May Environmental Park
3615 Mueller Rd.
Sheboygan, WI 53083
920-459-3906 or 715-823-6742
Contact: Julie Schoenike
jwschoen@frontiernet.net

158. Gardening Study School 3

Topics include: classifying plants, techniques for growing outdoor flowers, factors that influence plant growth, pruning techniques, roses. WHEN: Wed.–Fri., Apr. 11–13. FEE: \$40 for two days, Apr. 11–12; optional exam Apr. 13.

southern**Kickapoo Valley Reserve**

53661 State Highway 131
La Farge, WI 54639
608-625-2960
Contact: Sadie Urban
kickapoo.reserve@krm.state.wi.us
<http://kvr.state.wi.us>

All programs are held at the Kickapoo Valley Reserve Visitor Center. Visit website or call for directions.

159. Pasqueflower Hike

Roam the Reserve for a sighting of the first spring prairie flower to bloom. INSTRUCTOR: Chuck Hatfield. WHEN: Sat., Apr. 21, 1–3 pm. FEE: \$5 (\$4 KVR Friend; \$2.50 kids under 12). NOTE: Registration due Apr. 14.

160. Birds and Breakfast

Guided hike to spot migrating birds, followed by gourmet breakfast. INSTRUCTORS: Barb Duerksen and Kelly Rueckheim. WHEN: Sat., May 19, 7:30–11 am. FEE: TBD. NOTE: Registration due May 12.

161. Wild Edibles Hike

Munch your way through the spring woods, while learning about edible shoots, buds, leaves and flowers. INSTRUCTOR: Nicholas Gale. WHEN: Sat., May 26, 9 am–2:30 pm. FEE: \$15 (\$13.50 KVR Friend; \$7 kids 12 and under with adult). NOTE: Registration due May 19. Bring eating gear and a small snack to share.

162. Campfire Cooking Workshop

Learn outdoor cooking techniques and how to incorporate native wild foods into a meal. INSTRUCTOR: Luke Zahm. WHEN: Sat., June 30, 3–5 pm. FEE: \$15 (\$13.50 KVR Friend). NOTE: Registration due June 23.

Olbrich Botanical Gardens

3330 Atwood Ave.
Madison, WI 53704
608-246-4550
Contact: Kai Stanecki
kstanecki@cityofmadison.com
www.olbrich.org

163. Low Maintenance, Sustainable Gardening with Edibles

From low-maintenance to edibles, this full-day workshop will cover strategies to grow an efficient, self-sufficient garden. INSTRUCTOR: Roger Reynolds. WHEN: Sat., Mar. 3, 9 am–4 pm. FEE: \$50 (\$40 members). NOTE: Register by Feb. 23.

164. Way of Nature

Learn how nature influences perceptions and how to develop those perceptions into art. INSTRUCTOR: Miriam Hall. WHEN: Sat.–Sun., Mar. 3–4, 9 am–5 pm. FEE: \$63 (\$50 members). NOTE: Register by Feb. 23.

165. Native Plants for Any Garden

Learn how to work native plants into your landscape. INSTRUCTORS: Frank Hassler and Joy Follendorf. WHEN: Mon., Mar. 12, 6:30–8:30 pm. FEE: \$15 (\$12 members). NOTE: Register by Mar. 5.

166. Fun with Garden Fencing—Keeping Wildlife Out of the Garden

Hear about fencing ideas and tricks to make fencing “disappear” in your landscape. INSTRUCTOR: Roger Reynolds. WHEN: Wed., Mar. 14, 6:30–8:30 pm. FEE: \$15 (\$12 member). NOTE: Register by Mar. 7.

167. Top Fifty Plants for Birds in Wisconsin

Learn about the best native plants to attract birds to your landscape. Also covers preferred bird habitats and planting and maintenance tips. INSTRUCTOR: Mariette Nowak. WHEN: Sat., Mar. 17, 1–2:30 pm. FEE: \$15 (\$12 members). NOTE: Register by Mar. 8.

168. Spring into Gardening—Get Ready for the Season

Walk through the outdoor gardens and learn time-saving tips and sustainable techniques to start your garden. INSTRUCTOR: Samantha Peckham. WHEN: Tues., Apr. 3, 5:30–7 pm. FEE: \$15 (\$12 member). NOTE: Register by Mar. 27. Dress for the weather.

169. Establishing a Woodland Garden

Learn about native plants for woodland conditions. INSTRUCTOR: Frank Hassler. WHEN: Wed., Apr. 11, 6:30–8:30 pm. FEE: \$15 (\$12 member). NOTE: Register by Apr. 4.

170. Beautiful No-Mow Yards

See a variety of designs, from prairies to edibles to lawnless stroll gardens and low-care living carpets. INSTRUCTOR: Evelyn Hadden. WHEN: Thurs., Apr. 19, 6:30–8:30 pm. FEE: \$15 (\$12 member). NOTE: Register by Apr. 12.

171. Pruning Demonstration and Pointers

Learn pruning techniques and see them put into action. INSTRUCTOR: Jeff Epping. WHEN: Sun., Apr. 22, 9 am–noon. FEE: \$45 (\$36 member). NOTE: Register by Apr. 12.

172. Lower-maintenance Alternatives to Your Home Landscape

Learn about sustainable, lower-maintenance gardening. INSTRUCTOR: Jeff Epping. WHEN: Thurs., Apr. 26, 6:30–8 pm. FEE: \$15 (\$12 member). NOTE: Register by Apr. 19.

173. Wings and Petals: How to Attract Butterflies to Your Yard

Learn butterfly gardening design features and how to identify butterflies and caterpillars. INSTRUCTOR: Ann Thering. WHEN: Tues., May 8, 7–8:30 pm. FEE: \$15 (\$12 member). NOTE: Register by May 1.

Upham Woods Outdoor Learning Center

N194 County Road N
Wisconsin Dells, WI 53965
608-254-6461
Contact: Toby Grabs
uphamcoordinator@frontier.com
<http://fyi.uwex.edu/uphamwoods/>

174. Summer Educational Family Camp

Interpretive hikes, presentations, ecology exploration, canoeing, campfires, crafts and more. WHEN: Fri.–Sun., Aug. 10–12. FEE: \$105 (\$85 youth 5–12, under 4 free), includes meals and lodging.

Wisconsin Union Mini Courses

Box 301 Memorial Union, Rm. 4104
800 Langdon St.
Madison, WI 53706
608-262-3156
Contact: Jay Ekleberry
www.wisc.edu/minicourses

Call for a free catalog or visit website.

175. Astronomy Afield

Classroom and dark sky view sessions using a 10-inch mirror telescope. INSTRUCTOR: Heidi Conde. WHEN: Wed., Apr. 11, 18, & 25, 6–10 pm. FEE: \$49.50.

176. Bird by Ear

Learn to identify birds by their songs and calls. Understand the difference between bird songs and calls. INSTRUCTOR: Steve Betchkal. WHEN: Sat., Apr. 28, 9 am–noon. FEE: \$24.50.

177. Habitat Hop—Madison Area Birding

A birdwatching field trip with a master birder who will guide you through some of the Madison area's very best birding spots. INSTRUCTOR: Steve Betchkal. WHEN: Sat., Apr. 28, 1–4 pm. FEE: \$24.50.

statewide**Environmental Education Outreach**

UW–Stevens Point
College of Natural Resources/WI Center
for Environmental Education/UWSP
Continuing Education
110 TNR, UWSP
Stevens Point, WI 54481
715-295-8908 (LEAF)
www.uwsp.edu/cnr/leaf/
715-346-3854 (M.S. and Online Ed.)
www.uwsp.edu/cnr/Pages/Academics/graduate.aspx
715-346-4818 (KEEP)
www.uwsp.edu/cnr/wcee/keep/

178. Learning, Experiences, and Activities in Forestry (LEAF)

Promotes K–12 forestry education within Wisconsin schools. Workshops and courses are scheduled year-round and online at locations statewide.

179. Masters of Science in Environmental Education for K–12 Teachers

Earn a Master's degree while continuing to teach. Courses year-round. Applications accepted at any time.

180. Online Environmental Education at UW–Stevens Point

Courses for formal and non-formal educators offered year-round in four M.S. programs.

181. Wisconsin K–12 Energy Education Program (KEEP)

Promotes K–12 energy education in Wisconsin. Workshops and courses are scheduled year-round and online at locations statewide.

University of Wisconsin—Extension

Natural Resource Program
715-261-1254
Contact: Kris Tiles
learnaboutyourland@gmail.com
<http://woodlandinfo.org>

182. Learn About Your Land

Classes for new woodland owners covering a variety of topics from tree ID to management planning to creating recreational trails. Programs will be held in approximately 17 locations around the state. WHEN: Mar.–May. FEE: Varies by location and number of classes. NOTE: Visit website for site-specific details.



For more information, check the number next to each program title to locate the program description in this catalog. For schedules not available here, write or call the appropriate sources.

Continuous programming

- 1. Learn from the Experts, Custer
- 81. Kemp Natural Resources Station, Woodruff
- 109. Concordia Center for Environmental Stewardship, Mequon
- 121. Volunteer Teacher Naturalist Training, Waukesha
- 149. Wehr Nature Center Master Naturalist Classes, Franklin
- 178. Learning, Experiences, and Activities in Forestry (LEAF), Statewide
- 179. Masters of Science in Environmental Education for K–12 Teachers, Statewide
- 180. Online Environmental Education at UW–Stevens Point, Statewide
- 181. Wisconsin K–12 Energy Education Program (KEEP), Statewide

March

- 110. Home Composting: The Secret to Healthy Soil and Gardens, Mar., Milwaukee
- 111. Vermicomposting: Let Worms do the Dirty Work, Mar., Milwaukee
- 112. Planning by Nature: Using Rain Gardens to Enhance Your Landscape, Mar., Milwaukee
- 113. Rain Barrels: Every Drop Counts, Mar., Milwaukee
- 114. Tree Care for Homeowners, Mar., Milwaukee
- 182. Learn About Your Land, Mar., Statewide
- 27. Art in the Forest, Mar. 2–4, Tomahawk
- 28. Fly-Tying and Trout Stream Entomology, Mar. 2–4, Tomahawk
- 3. Leopold Education Project Training, Mar. 3, New London
- 4. *Green Fire* Movie Screening, Mar. 3, New London
- 82. Saturday Field Studies: Green Plants in Snow, Mar. 3, Manitowish Waters
- 163. Low Maintenance, Sustainable Gardening with Edibles, Mar. 3, Madison
- 22. Wilderness First Aid Course, Mar. 3–4, Babcock
- 164. Way of Nature, Mar. 3–4, Madison
- 83. Circumnavigating Lake Superior: A Dad and His Three Boys, Mar. 8, Manitowish Waters
- 5. GLOBE at Night Training, Mar. 10, New London
- 29. One-Day Black Ash Basketry, Mar. 10, Tomahawk
- 37. Seed Paper, Mar. 10, Brillion
- 52. Pruning Your Garden, Mar. 10, Appleton
- 84. Porcupine Den Tour, Mar. 10, Manitowish Waters
- 85. Bird Banding, Mar. 10, Manitowish Waters
- 165. Native Plants for Any Garden, Mar. 12, Madison
- 53. Make Your Own Worm Bin, Mar. 14, Appleton
- 166. Fun with Garden Fencing—Keeping Wildlife Out of the Garden, Mar. 14, Madison

- 38. Older and Wiser Learning for Seniors (O.W.L.S.): Maple Syrup, Mar. 15, Brillion
- 64. Backyard Maple Syruping, Mar. 17, Chilton
- 86. Vermicomposting 101, Mar. 17, Manitowish Waters
- 115. Vernal Equinox Hike, Mar. 17, Bristol
- 167. Top Fifty Plants for Birds in Wisconsin, Mar. 17, Madison
- 87. Cosmic Campfires: Vernal Equinox, Mar. 20, Manitowish Waters
- 6. Composting Basics Workshop, Mar. 24, New London
- 7. Crane Count Planning Meeting, Mar. 24, New London
- 30. Carving the Scandinavian-Style Eating Spoon, Mar. 24, Tomahawk
- 39. Maple Syrup Camp, Mar. 24, Brillion
- 54. Backyard Birds, Mar. 24, Appleton
- 88. Maple Sugaring Tour, Mar. 24, Manitowish Waters
- 89. Introduction to Macrophotography, Mar. 24, Manitowish Waters
- 150. Maple Sugar Days, Mar. 24 & 25, Franklin
- 90. Research Reviews: Restoration Ecology, Mar. 27, Manitowish Waters
- 55. Fundamentals of Vegetable Gardening, Mar. 28, Appleton
- 33. R-PAWS Training Session, Mar. 31, Green Bay
- 122. ID Trees & Shrubs in Leafless Condition, Mar. 31, Waukesha
- 123. Aldo Leopold Weekend Program, Mar. 31, Waukesha
- 151. C & I 525: Teaching Evolution in the 21st Century, Mar. 31–Apr. 1, Franklin

April

- 106. Blue Thumb® Raingarden Classes, Apr., St. Croix County
- 110. Home Composting: The Secret to Healthy Soil and Gardens, Apr., Milwaukee
- 111. Vermicomposting: Let Worms do the Dirty Work, Apr., Milwaukee
- 112. Planning by Nature: Using Rain Gardens to Enhance Your Landscape, Apr., Milwaukee
- 113. Rain Barrels: Every Drop Counts, Apr., Milwaukee
- 114. Tree Care for Homeowners, Apr., Milwaukee
- 182. Learn About Your Land, Apr., Statewide
- 65. Maple Syrup Sunday Open House, Apr. 1, Chilton
- 168. Spring into Gardening—Get Ready for the Season, Apr. 3, Madison
- 34. Trail Walks, Apr. 4, 11, 18 & 25, Green Bay
- 124. Morning Bird Hikes, Apr. 6, 13, 20 & 27, Waukesha
- 91. Saturday Field Studies: Field Techniques, Apr. 7, Manitowish Waters
- 169. Establishing a Woodland Garden, Apr. 11, Madison
- 175. Astronomy Afield, April 11, 18, 25, Madison
- 158. Gardening Study School 3, Apr. 11–13, Sheboygan
- 92. Loons in Wisconsin—Research and Management, Apr. 12, Manitowish Waters
- 8. Annual Midwest Sandhill Crane Count, Apr. 14, New London
- 9. Rain Barrel Workshop, Apr. 14, New London
- 40. Annual Spring Banquet, Apr. 14, Brillion
- 66. The Insect World, Apr. 14, Chilton

- 93. Understanding Black Bears, Apr. 14, Manitowish Waters
- 94. Saw-whet Owl Banding, Apr. 14, Manitowish Waters
- 148. Family Open House at Recycling Facility, Apr. 14, Waukesha
- 56. Let's Talk Roses, Apr. 16, Appleton
- 95. Research Reviews: Climate Change, Apr. 17, Manitowish Waters
- 57. SLR Advanced Outdoor Photography, Apr. 18, Appleton
- 41. Older and Wiser Learning for Seniors (O.W.L.S.): Sandhill Cranes, Apr. 19, Brillion
- 74. Astronomy at the Arboretum, Apr. 19, Marinette
- 170. Beautiful No-Mow Yards, Apr. 19, Madison
- 139. Creative Writing about the Natural World, Apr. 20–21, Saukville
- 10. Morning Bird Hikes, Apr. 21 & 28, New London
- 23. Exploring the Night Sky, Apr. 21, Babcock
- 42. Earth Day Paddle, Apr. 21, Brillion
- 80. Rain Barrel Workshop, Apr. 21, Neenah
- 96. Crane Count, Apr. 21, Manitowish Waters
- 97. Earth Day Celebration, Apr. 21, Manitowish Waters
- 98. Cosmic Campfires: Lyrids Meteor Shower, Apr. 21, Manitowish Waters
- 159. Pasqueflower Hike, Apr. 21, La Farge
- 125. Earth Week: Canoe Outing, Apr. 22, Waukesha
- 152. In Celebration of Earth Day, Apr. 22, Franklin
- 171. Pruning Demonstration and Pointers, Apr. 22, Madison
- 99. Early Wildflower Walk, Apr. 23, Manitowish Waters
- 126. Earth Week: GPS-Aided Hiking, Apr. 24, Waukesha
- 100. Technology's for the Birds!, Apr. 24–26, Manitowish Waters
- 35. Morning Bird Walks, Apr. 25 & 28, Green Bay
- 127. Earth Week: Birds of Prey Program, Apr. 25, Waukesha
- 133. How Does Your Woods Grow?, Apr. 26, Burlington
- 172. Lower-maintenance Alternatives to Your Home Landscape, Apr. 26, Madison
- 101. Van Vliet Hemlock Old Growth Hike, Apr. 27, Manitowish Waters
- 24. Friends of Sandhill Open House, Apr. 28, Babcock

Before you send money

Check the listing for the address of the course sponsor. Send your registration and fees directly to the course sponsor along with the course title and your name, address and phone.

Please advise the sponsor at the time of registration if you are disabled and desire special accommodations. Requests will be confidential. UW–Extension provides equal opportunities in employment and programming, including Title IX requirements.

- 102. Warbler Wake-Up Workshop, Apr. 28, Manitowish Waters
- 116. Invasive Species Work Day, Apr. 28, Bristol
- 128. Earth Week: Earth Watch and Extravaganza, Apr. 28, Waukesha
- 176. Bird by Ear, Apr. 28, Madison
- 177. Habitat Hop—Madison Area Birding, Apr. 28, Madison
- 153. C & I 525: Teaching with Live Animals, Apr. 28–29, Franklin
- 105. St. Croix County Earth Day Celebration, Apr. 29, St. Croix County

May

- 71. Guided Cave Tours, May, Chilton
- 106. Blue Thumb® Raingarden Classes, May, St. Croix County
- 110. Home Composting: The Secret to Healthy Soil and Gardens, May, Milwaukee
- 111. Vermicomposting: Let Worms do the Dirty Work, May, Milwaukee
- 112. Planning by Nature: Using Rain Gardens to Enhance Your Landscape, May, Milwaukee
- 113. Rain Barrels: Every Drop Counts, May, Milwaukee
- 114. Tree Care for Homeowners, May, Milwaukee
- 182. Learn About Your Land, May, Statewide
- 35. Morning Bird Walks, May 2, 5, 9 & 12, Green Bay
- 75. Froggy Night Hike, May 3, Marinette
- 124. Morning Bird Hikes, May 4, 11, 18 & 25, Waukesha
- 25. Dutch Oven Cooking, May 5, Babcock
- 129. GPS-Aided Hiking for Families, May 5, Waukesha
- 10. Morning Bird Hikes, May 5, 12, 19 & 26, New London
- 11. Invasives on Your Property, May 6, New London
- 67. Spring Wildflower Hike, May 6, Chilton
- 154. Reptile Day, May 6, Franklin
- 155. Bird Walks with Paul, May 6, 13, 20 & 27, Franklin
- 173. How to Attract Butterflies to Your Yard, May 8, Madison
- 134. Attracting Wildlife, May 10, Burlington
- 31. Birds-n-Brunch, May 11–12, Tomahawk
- 32. Greening Your Math, May 11–13, Tomahawk
- 36. International Migratory Bird Day, May 12, Green Bay
- 51. Dandelion Festival, May 12, Mt. Calvary
- 68. Footloose Walk, May 12, Chilton
- 76. Spring Wildflower Walk, May 12, Marinette
- 103. “The Big Day” International Migratory Bird Day, May 12, Manitowish Waters
- 130. Spring Native Plant Sale, May 12, Waukesha
- 147. Volunteer Stream Monitoring Training, May 12, Oconomowoc
- 156. Native Plant Sale, May 12–13, Franklin
- 69. Mother’s Day Wildflower Hike, May 13, Chilton
- 117. Mothers’ Day Brunch and Ephemeral Spring Wildflower Hike, May 13, Bristol
- 58. Ornamental Trees and Shrubs, May 16, Appleton
- 43. Older and Wiser Learning for Seniors (O.W.L.S.): Life in a Log, May 17, Brillion
- 80. Rain Barrel Workshop, May 18, Neenah
- 131. Evenings Trails, May 18, Waukesha

- 104. 8th Annual Birding Festival, May 18–19, Manitowish Waters
- 12. Snakes of Wisconsin, May 19, New London
- 26. Morning is for the Birds, May 19, Babcock
- 44. Wildflower Walk, May 19, Brillion
- 70. Early Bird Hike, May 19, Chilton
- 132. Bird and Wildflower Hike, May 19, Waukesha
- 160. Birds and Breakfast, May 19, La Farge
- 138. Pioneer Woodland Rendezvous, May 19 & 20, Burlington
- 59. Bees, Hives and Honey, May 22, Appleton
- 135. Native and Non-Native Species, May 24, Burlington
- 116. Invasive Species Work Day, May 26, Bristol
- 118. Plant Exchange, May 26, Bristol
- 161. Wild Edibles Hike, May 26, La Farge
- 60. Fly By, Butterfly, May 31, Appleton

June

- 21. Raptor Education Group, Inc. Tours, June, Antigo
- 71. Guided Cave Tours, June, Chilton
- 72. Crawl Cave Tour, June, Chilton
- 110. Home Composting: The Secret to Healthy Soil and Gardens, June, Milwaukee
- 111. Vermicomposting: Let Worms do the Dirty Work, June, Milwaukee
- 112. Planning by Nature: Using Rain Gardens to Enhance Your Landscape, June, Milwaukee
- 113. Rain Barrels: Every Drop Counts, June, Milwaukee
- 114. Tree Care for Homeowners, June, Milwaukee
- 13. An Evening of Stargazing, June 1, New London
- 140. Identification of Wisconsin Amphibians and Reptiles, June 1–2, Saukville
- 124. Morning Bird Hikes, June 1, 8, 15, 22 & 29, Waukesha
- 77. Bird Hike, June 2, Marinette
- 136. Map Your Property Using GPS and Locate Your Different Soil Types, June 7, Burlington
- 14. Gardening 101, June 9, New London
- 45. Nature Scavengers, June 9, Brillion
- 141. Sedges: Identification and Ecology, June 15–16, Saukville
- 2. The 23rd Annual Energy Fair, June 15–17, Custer
- 119. Dad and Me Sunset Solstice Hike, June 17, Bristol
- 142. Vegetation of Wisconsin, June 18–23, Saukville
- 46. Older and Wiser Learning for Seniors (O.W.L.S.): Stories by the Fire, June 21, Brillion
- 137. Basics of Ponds and Wildlife Scrapes, June 21, Burlington
- 15. Monarch Larva Monitoring Project, June 23, New London
- 116. Invasive Species Work Day, June 23, Bristol
- 157. Butterfly Count, June 30, Franklin
- 162. Campfire Cooking Workshop, June 30, La Farge

July

- 21. Raptor Education Group, Inc. Tours, July, Antigo
- 71. Guided Cave Tours, July, Chilton

- 72. Crawl Cave Tour, July, Chilton
- 110. Home Composting: The Secret to Healthy Soil and Gardens, July, Milwaukee
- 111. Vermicomposting: Let Worms do the Dirty Work, July, Milwaukee
- 112. Planning by Nature: Using Rain Gardens to Enhance Your Landscape, July, Milwaukee
- 113. Rain Barrels: Every Drop Counts, July, Milwaukee
- 114. Tree Care for Homeowners, July, Milwaukee
- 16. Raising Healthy Monarchs, July 7, New London
- 47. Groundwater, July 9, Brillion
- 107. Nature Photography, July 11–15, Eagle River
- 61. Monarch Magic, July 12, Appleton
- 17. An Evening of Stargazing, July 13, New London
- 143. Methods for Description of Vegetation, July 16–21, Saukville
- 48. Older and Wiser Learning for Seniors (O.W.L.S.): Groundwater, July 19, Brillion
- 73. Prairie Wildflower Hike, July 21, Chilton
- 108. Utilizing Wood for Energy, July 23–25, Eagle River
- 78. Astronomy at the Arboretum, July 26, Marinette
- 144. Introduction to Insects, July 27–28, Saukville
- 116. Invasive Species Work Day, July 28, Bristol

August

- 21. Raptor Education Group, Inc. Tours, Aug., Antigo
- 71. Guided Cave Tours, Aug., Chilton
- 72. Crawl Cave Tour, Aug., Chilton
- 110. Home Composting: The Secret to Healthy Soil and Gardens, Aug. Milwaukee
- 111. Vermicomposting: Let Worms do the Dirty Work, Aug., Milwaukee
- 112. Planning by Nature: Using Rain Gardens to Enhance Your Landscape, Aug., Milwaukee
- 113. Rain Barrels: Every Drop Counts, Aug., Milwaukee
- 114. Tree Care for Homeowners, Aug., Milwaukee
- 79. Prairie Walk, Aug. 9, Marinette
- 145. Native Mussels of Wisconsin: An Amazing Resource, Aug. 10–11, Saukville
- 174. Summer Educational Family Camp, Aug. 10–12, Wisconsin Dells
- 18. Perseid Meteor Shower Camp-out, Aug. 11, New London
- 49. Art in the Prairie, Aug. 11, Brillion
- 120. Perseid Meteor Shower Viewing, Aug. 11, Bristol
- 50. Older and Wiser Learning for Seniors (O.W.L.S.): Dragonflies, Aug. 16, Brillion
- 78. Astronomy at the Arboretum, Aug. 16, Marinette
- 146. Spiders: Identification and Ecology, Aug. 17–18, Saukville
- 62. Life In, Under and Around the Pond, Aug. 21, Appleton
- 63. The “How” and “Why” of Native (Prairie) Landscaping, Aug. 22, Appleton
- 19. Fall Bird Hike, Aug. 25, New London
- 116. Invasive Species Work Day, Aug. 25, Bristol
- 130. Fall Native Plant Sale, Aug. 25, Waukesha
- 20. Once in a Blue Moon, Aug. 31, New London