



NOLS WILDERNESS MEDICINE

WILDERNESS FIRST RESPONDER (WFR) COURSE

HOSTED BY HUMAK ADVENTURE EDUCATION PROGRAM & CROSSING LATITUDES

Nurmijärvi Campus, Kiljava, Finland January 4-14, 2021

This [NOLS Wilderness Medicine](#) Wilderness First Responder course is designed specifically to provide you with the tools to make critical medical and evacuation decisions in remote locations. Half of your time will be spent completing practical skills and scenarios designed to challenge your decision-making abilities. CPR is included in this course. We do encourage you to browse the textbook before the course.

Course Dates: January 4-14, 2021

Location: Nurmijärvi Campus, Kotorannantie 49, 05250 Kiljava, Finland.

Course fee: The course fee is Euro €1025.00 (USD \$1165.00) per person. The tuition covers the NOLS Wilderness Medicine Medical Handbook, the NOLS Wilderness Medicine textbook, a bandana with the patient-assessment, equipment used during the course, CPR certification and NOLS Wilderness Medicine international WFR certification. The textbook will be sent to you once you have paid the course fee.

Signing up: Please read the NOLS Student Agreement it before paying us the course fee. Another important document to read before signing up is the NOLS Wilderness Medicine COVID-19 Disclosure, Practices and Expectations for Students. In this form there is a link to the 3-minute long video of what you can expect from NOLS Wilderness Medicine in COVID-19 times. Please watch it and email us if you have any questions.

COVID-19 Disclosure, Practices and Expectations for Students.

<https://docs.google.com/document/d/1jCloXEoWBarFbF76pwdynAgtGvPd4aI9uBEys8m0cvg/edit>

Video: <https://youtu.be/LRuRwaAeOsE> Please watch and email us if you have questions.

Student Agreement: https://www.nols.edu/media/filer_public/52/b5/52b5b25e-8705-42ad-bdde-a2a3eff9b36e/wilderness-medicine-agreement.pdf

You get a spot on the course by paying the full course fee to Crossing Latitudes. We can invoice you or you can call us and pay with a VISA/MasterCard through our office in the Bozeman, Montana, USA. You can also transfer the course fee to our Swedish bank. See info below. Once we have received your course fee we will email you a receipt and a course confirmation. See our cancellation policies below.

If we don't have enough number of sign-ups by December 1st the course might be cancelled. Full refund if you signed-up.

Crossing Latitudes: info@crossinglatitudes.com Phone (USA): 1-406-585-5356.
Phone (Europe): +46-70-670 1153. Webpage: <http://www.crossinglatitudes.com>

International Transfer to Crossing Latitudes Swedish Nordea bank account:

Name of account: Crossing Latitudes, Inc. 420 West Koch Street, Bozeman, Montana, 59715, USA.
IBAN: SE07 9500 0099 6034 1007 5141. BIC: NDEASESS
Bank address: Nordea Bank AB, SE-10571 Stockholm, Sweden.

Food & Lodging: Food & Lodging is **not** included in your course fee. You can stay in Kiljava at the Nurmijärvi Campus (where our classroom is) in a private room with bath for €71.00 per night (breakfast is included). If you want to share a room with bath each person pays €42.50 (breakfast is included) per night.

The lunch cost €13,50 and is a full meal with different choices as well as a salad bar, coffee, tea and desert.

The dinner is a smaller meal with soups, salad bar, coffee, tea and a cookie and costs €10.00 per meal.

If you decide to book a room or eat meals at Nurmijärvi Campus make sure to mention that you are taking the NOLS Wilderness First Responder course. You need to book your lodging and meals on your own. Email: info@kiljavanranta.fi

Another option for Lodging is a caravan park about 10-15 minutes walk away from the Campus. If you have a caravan / Recreational vehicle you can park here for €20.00 per night + pay for the electricity you use. In order to park at the Caravan Park you need to be a member of a European Caravan Association – preferably the Finnish Association. Please contact us if you are interested in parking your caravan / RV at the caravan park.

Other options for lodging are to stay at one of the many Air B&B's, Guesthouses or hotels in Helsinki. Helsinki is located 45-60 minutes from Kiljava and the Nurmijärvi campus.

How to get to Kiljava: Here is the location according to Google Map.

<https://www.google.com/maps/place/05250+Kiljava,+Finland/@60.5041271,24.6808742,15z/data=!3m1!4b1!4m5!3m4!1s0x468de2416a077649:0x2600b5523c190151!8m2!3d60.5041173!4d24.6896504>

Course Language: English. Our NOLS Wilderness Medicine instructors teach all over the world and are usually bilingual. The NOLS Wilderness Medicine textbook is in English and will be sent to you pre course and we highly recommend that you start reading it.

Course Description: A Wilderness First Responder (WFR) is an essential wilderness first aid education for anyone who spends significant time in remote places or who has a professional career in the outdoors. The WFR course will prepare you to make difficult medical decisions. This course is fast-paced and engaging. You'll spend half your time outside of the classroom doing hands-on skills and realistic scenarios. In addition to scenarios, you'll participate in a full-scale night mock rescue.

NOLS Wilderness Medicine curriculum encompasses a wide range of topics including long-term patient care, wound management, straightening angulated fractures, reducing dislocations, litter packaging and administering medications. You'll complete this course with the tools and confidence to manage patients in the backcountry for multiple days.

The intensive 80-hour curriculum is internationally recognized and supported by the Wilderness Medical Society. Your instructors are dynamic educators who have practiced both wilderness and urban medicine. This 80-hour course is ideal for all professionals operating in remote environments. Adult CPR certification is included. The WFR course is pre-approved for 70 hours of EMT CEU's by CECBEMS (see more info below).

For more information about NOLS Wilderness Medicine and the WFR course, please visit:

<https://nols.edu/en/courses/courses/wilderness-first-responder-WFR/>

Class time & Scenarios: The Course language is English. We will start at 08:00 each day and go to 17:00. Many hours will be spent indoors learning in-depth about different topics. 50% of the time will be spent outdoors with practical sessions and scenarios.

All participants will be playing both "patients" and "rescuers" each day. We use fake blood to make the scenarios more realistic. The fake blood will come off clothing but you might have to wash twice. There will be one evening session and one night exercise where you might encounter "patients" you never met before (special invited folks). Discussions about leadership, group dynamics and evacuation procedures are part of this course.

What to bring: Please see the suggested personal clothing and equipment list below. NOLS Wilderness Medicine will bring medical equipment and outdoor gear for setting up realistic scenarios.

NOLS Wilderness Medicine Mission: The Wilderness Medicine's goal is to provide the highest quality education and information for the recognition, treatment, and prevention of wilderness emergencies.

For over a decade, NOLS Wilderness Medicine (<https://nols.edu/en/courses/wilderness-medicine/>) has been the most recognized and respected teacher of wilderness medicine, training over 300,000 students around the world. At NOLS Wilderness Medicine, students learn treatment principles and decision-making skills, not the memorization of long lists. Our courses are rigorous and intensive. They will challenge your decision-making skills and they will get you ready. NOLS Wilderness Medicine trains participants to respond to emergencies in remote settings.

To date we have run courses internationally in USA, Australia, Canada, Nepal, Columbia, Costa Rica, Chile, India, Kenya, Mexico, Norway, Thailand, South Africa, Sri Lanka, Denmark, Sweden, Argentina, Brazil, Germany, England, Finland, Ireland, Malaysia, Bhutan, Korea, Iceland, Italy, Switzerland, Hungary, Slovenia and Tanzania. It is not unusual to have participants from the whole world on our WFR courses in Europe.

What can you expect of us? Expect dynamic instructors with lots of backcountry experience. Expect to spend lots of time outside with realistic scenarios. Expect daily feedback from us instructors. Expect intense but rewarding days. There will be a written and a practical exam at the end of the course and we will do everything we can to help you get the skills to perform well. You need to pass both the written and the practical tests in order to receive NOLS Wilderness Medicine international WFR certification.

You can expect a curriculum that is evidence-based, not just copied out of a textbook. We teach wilderness medicine practices and protocols that are supported by a physician-based medical advisory panel and disseminated by our curriculum director. This means you're getting the latest findings and protocols in the industry.

What do we expect of you? We expect you to be on time each day. We expect you to come prepared each morning. We expect you to be respectful of other participants and our staff – both in the classroom and during our scenarios outside. We expect you to take good care of the equipment. We hope you will ask us if you don't understand. We expect you to study and do extra practice in the evenings.

We ask that all participants' cell phones and computers will be turned off during class time. No smoking during our class time (which includes outside scenario time).

We expect you to will read and agree to the NOLS Wilderness Medicine COVID-19 Disclosure, Practices and Expectations for Students – see above.

Continuing Education College credit and EMT CEUS: The course is pre-approved for three (3) semester hour credits through the University of Utah at a cost. If interested, please check with the instructors on the first day of class for the necessary information.

NOLS Wilderness Medicine is proud to be a Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS) accredited organization. Current EMTs are eligible to receive 70 CEU hours for their Wilderness First Responder courses. Please bring a photocopy of your current EMT card(s) with you to your course.

Cancellation & Refund policy:

If a student cancels or withdraws from a course:

- Greater than or equal to 30 days prior to the course starting date, sponsor will retain a USD \$250.00 administrative fee.
- Within 30 days of the course start date and once the course has begun, tuition is non-refundable. We will help you transfer to another Crossing Latitudes sponsored NOLS Wilderness Medicine course within a year if possible. If we can fill your spot you will receive your tuition back minus USD \$250.00– the admin fee.
- A full refund will be given if Crossing Latitudes or NOLS Wilderness Medicine cancel the course for any reason.

PETS / DOGS ARE NOT ALLOWED AT THE COURSE. Any student bringing pets to class will be asked to leave class until the pet is safely situated in a kennel or other facility.

No alcohol or smoking is allowed during class hours.

EQUIPMENT LIST:

Expect the best but be prepared for the worst! We will be outside each day even if it rains, snows or storms. Having quality clothing and equipment is important. Come to class each morning prepared to be outside. You need a medium sized Backpack for personal extra clothing and First Aid gear that we will provide each day. Your Backpack will be used every day in the scenarios.

In your backpack:

2 Personal Face masks
1 Protective eyewear (sunglasses, ski goggles, carpenter glasses)
1 pair of outdoor gloves
1 extra sweater or a fleece jacket
1 pair of long johns
Rain jacket or winter waterproof jacket
Rain pants or waterproof winter pants
1 pair of extra wool or synthetic socks
Hat, gloves, mittens, neck warmer, buff or scarf
Flash light or Head lamp with extra batteries (important for the night scenarios)
Sunglasses
Water bottle

Also bring to the classroom:

Indoor shoes or sandals (the floor can be cold), note pad, pens or pencils, water bottle and personal mug (if you like to drink coffee or tea during class).

Other suggested gear:

Underwear
1-2 polypro or wool tops
1-2 polypro or wool bottoms (long johns)

1-2 warm sweaters or fleece jackets
1-2 quick drying outdoors pants
1-2 sweats or casual pants for evenings
Rain jacket & Rain pants
3-4 wool or synthetic socks
1-2 liner socks
2-3 ordinary socks
Outdoor boots (remember there might be some cold and wet days and evenings)
Indoor shoes (sandals or sneakers as our classroom floor might be chilly)
2-3 T-shirts or long sleeve casual shirts
Hat, gloves, mittens, neck warmer/scarf
Exercise clothing (running shoes etc.) if you want to take a run on the nearby trails.
Headlamp with extra batteries (important for the night scenario)
Camera (optional)
Note pad and pens
Knife (optional)
Sunglasses
Water bottle & Mug
Towel & toiletries

If you bring a phone, radio, iPod, laptop or other electronics you need a special adaptor. Plugs and electrical sockets are different in northern Europe.

COURSE SCHEDULE: 08:00 – 17:00

DAY 1:

Introductions: Wilderness vs. Urban
Infection Control
Initial Assessment
Patient Exam
Vital Signs: LOC, HR, RR, SCTM
Vital Signs: BP, Pupils
Focused History
Documentation

DAY 2:

Spinal Cord Injuries
Lifting and Moving
Spinal Protection, Litter Packaging, Carrying, and
Long-Term Care
Chest Injuries
Shock

DAY 3:

Focused Spinal Assessment
Head Injuries
Athletic Injuries
Fracture Management
Evening: Dislocations and Splinting

DAY 4:

Wilderness Wound Management, Burns &
Infections
Hypothermia
Frostbite and Non-Freezing Cold Injury
Heat and Hydration

DAY 5:

Altitude Illness
Bites and Stings

Leadership, Teamwork & Communication
Stress First Aid

DAY 6: DAY OFF

DAY 7:

Cardiac Emergencies
CPR
Respiratory Emergencies
Altered Mental Status

DAY 8:

Acute Abdomen
Allergies and Anaphylaxis
Diabetes
Principles of Search and Rescue/Evacuation
Evening: Night Rescue

DAY 9:

Debrief of night rescue
Wilderness Drug and First Aid Kits
Mental Health Concerns
Poisoning
Communicable Disease

MCI Practical Scenario

DAY 10:

Lightning
Submersion Incidents
Gender Medical Issues
Medical Legal Issues
Practical Exams

Day 11:

Move out of bedrooms.
Written Exam. Closing Ceremony
End around 13:00

For questions about this NOLS Wilderness Medicine WFR course or our curriculum please contact Crossing Latitudes at info@crossinglatitudes.com
Phone Europe: +46-70-670 1153 Phone USA: +1-406-585-5356.

NOLS Wilderness Medicine web: <https://nols.edu/en/courses/wilderness-medicine/>

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