

# COURSES IN GRÄNSFORS 2021

Courses in forging, log building, timber framing, building a summerhouse,  
and charcoal burning.



## **It is easy to ask questions and register for a course**

Questions or registration can be sent to [courses@gransfors.com](mailto:courses@gransfors.com)

The information we need, besides which course(s) you want to participate in, is your name, address, telephone number and email address, along with additional information about individual accommodation and special food requests.

After sending a registration form you will receive an email confirmation and invoice.

Questions or registration can be sent to [courses@gransfors.com](mailto:courses@gransfors.com)

## Courses in Gränsfors 2021

<u>Week</u>	<u>Course nr</u>	<u>Course name</u>	<u>Course Date</u>	<u>Days</u>
1	01SK	Forging a knife	5 - 6 January	2
1	01SY	Forging an axe	8 - 9 January	2
5	05SG	Forging - Foundation	1 - 5 February	5
6	06SK	Forging a knife	12 - 13 February	2
7	07SY	Forging an axe	19 - 20 February	2
8	08SF	Forging - Continuation	22 - 26 February	5
9	09SK	Forging a knife	5 - 6 March	2
10	10DS	Forging - Damascus	8 - 12 March	5
12	12SY	Forging an axe	26 - 27 March	2
13	13SG	Forging - Foundation	29 March - 2 April	5
14	14SK	Forging a knife	9 - 10 April	2
15	15SY	Forging an axe	16 - 17 April	2
16	16YV	Forging – Axe making tools	19 - 23 April	5
17	17SY	Forging an axe	30 April - 1 May	2
18	18SY	Forging an axe	7 - 8 May	2
19	19SY	Forging an axe	14 - 15 May	2
20	20KK	Charcoal burning course	19 - 21 May	3
21	21SV	Timber framing course	24 - 29 May	6
22	22SK	Forging a knife	4 - 5 June	2
23	23SY	Forging an axe	11 - 12 June	2
24	24TK	Traditional log-building course	14 - 18 June	5
25	25TP	Traditional log-building try-out course	21 - 23 June	3
26	26SG	Forging - Foundation	28 June - 2 July	5
27	27BS	Building a summer house, part 1	5 - 10 July	6
28	28BS	Building a summer house, part 2	12 - 17 July	6
29	29TP	Traditional log-building try-out course	20 - 22 July	3
30	30SS	Forging – Tools of the blacksmith	26 - 30 July	5
31	31SV	Timber framing course	2 - 7 August	6
32	32SF	Forging - Continuation	9 - 13 August	5
33	33TP	Traditional log-building try-out course	17 - 19 August	3
34	34TK	Traditional log-building course	23 - 27 August	5
35	35TP	Traditional log-building try-out course	2 - 4 September	3
36	36YV	Forging – Axe making tools	6 -10 September	5
37	Blacksmithing festival hosted by Norrhälsinge Järnsmides Gille, Högen, Bergsjö			
38	38SY	Forging an axe	24 - 25 September	2
39	39SV	Timber framing course	27 September - 2 October	6
40	40SY	Forging an axe	8 - 9 October	2
41	41YF	Forging a laminated axe - Five days	11 - 15 October	5
42	42SY	Forging an axe	22 - 23 October	2
43	43SK	Forging a knife	29 - 30 October	2
44	44SY	Forging an axe	5 - 6 November	2
45	45SK	Forging a knife	12 - 13 November	2
46	46SY	Forging an axe	19 - 20 November	2
47	47SY	Forging an axe	26 - 27 November	2

Questions or registration can be sent to [courses@gransfors.com](mailto:courses@gransfors.com)

## Courses in Gränsfors 2021

### Gränsfors village

There are certain places where history and tradition are melded with the pulse of modern life in a completely natural way. One such place is Gränsfors. Established along a meandering river, Gränsfors is situated in the north of Hälsingland between Hudiksvall and Sundsvall and about 10km west of Gnarp/E4. A culture of handcraft has thrived here for hundreds of years, including mills, tiled stove makers, sawmills, smithies and more. Two of these craft-based industries still remain in full operation: Gränsfors Bruk and Gränsfors Blomkruksfabrik. Barring any restrictions caused by covid-19, visitors can see factory gift shops, the Gränsfors Axe Museum, and Café Augustus Bed & Breakfast.

### Gränsfors Bruk

The Gränsfors Bruk axe forge has been in production for over a hundred years. Today about 40 employees work with production and sales. Products consist of 15 different axe models, and more than 90% of production is exported to over 20 countries. More information about Gränsfors Bruk can be found at [www.gransforsbruk.com](http://www.gransforsbruk.com)

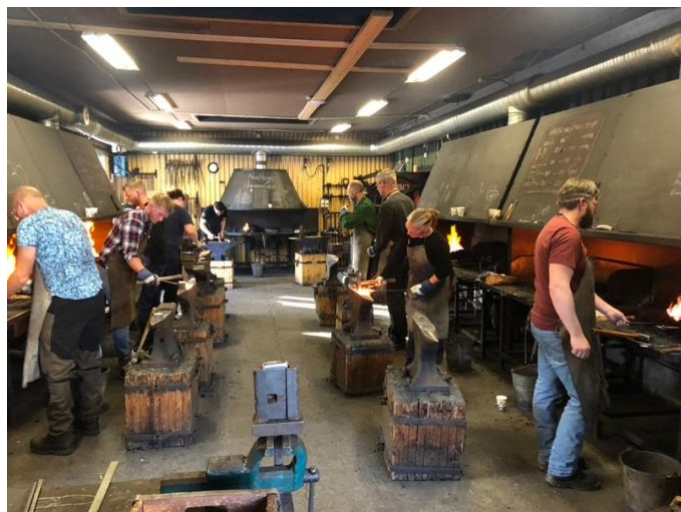
## Forging courses

**Dates for all Gränsfors courses can be found on page 2.**

Over the years, many have gained their first glimpse into the fascinating world of blacksmithing in the Gränsfors Bruk course smithy. The well-equipped smithy lies directly connected to Gränsfors' axe production. The forging courses are led by the North Hälsingland Blacksmith Guild with Fredrik Thelin and Sam Ritter, experienced and qualified smiths, as head instructors. Courses are available in different degrees of difficulty and vary in length. Custom courses can be arranged. Minimum age is 16 years. Instruction is offered in Swedish and English. Pictures from previous courses can be viewed at [www.gransforsbruk.com](http://www.gransforsbruk.com)

Room and board, complete with bedding, are included in all Gränsfors Bruk courses.

Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room. All courses begin with breakfast at 8:30am at Café Augustas neighbouring Gränsfors Bruk.



Questions or registration can be sent to [courses@gransfors.com](mailto:courses@gransfors.com)

## Courses in Gränsfors 2021

### Forging Course – Foundation

5 days: 1 – 5 February or 29 March – 2 April or 28 June – 2 July.

**Dates for all Gränsfors courses can be found on page 2.**

Instruction in Swedish and English. No previous experience required. The foundation course in forging is for those who wish to learn some of the fundamental skills of blacksmithing. With the guidance of an experienced smith's step-by-step examples and instruction, you will gain a glimpse into the fascinating world of forging hot steel. During the course's five days you will gain an understanding of the smithy and its tools, lighting the forge and the art of working the hot steel with the help of hammer and anvil. Also addressed is a basic understanding of steels and finishing methods. During the course you will forge hooks, a grill skewer/fork, nails, a hasp and staples, a door handle, hinges and a candleholder. There is even room for your own ideas.

During the course you will receive practical instruction in forging for five days, all materials, and can take home what you have forged. You will also receive breakfast, lunch, coffee twice a day and dinner each day of the course. Lodging is included, complete with bedding and towels, in a single room from the evening before the course to the last day of instruction. Those who wish can generally stay in their room the night after the course for no extra charge. Total price for the course is 10 950 SEK. Those willing to share a room receive 1 000 SEK off the price.

Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room. All courses begin with breakfast at 8:30am at Café Augustas neighbouring Gränsfors Bruk.

### Forging course – Continuation

5 days: 22 – 26 February or 9 – 13 August

**Dates for all Gränsfors courses can be found on page 2.**

Instruction in Swedish and English. Experience equivalent to Foundation forging course is recommended. This course is a continuation of the 5-day Foundation course, building on the basics of forging. You will learn several new techniques as well as a deepened knowledge of blacksmithing. Focus is on forging items consisting of several assembled parts or with moving pieces, such as a double-armed chandelier, wall sconce and blacksmithing tongs. There is always room for your own ideas. During the course you will receive practical instruction in forging for five days, all materials, and can take home what you have forged. You will also receive breakfast, lunch, coffee twice a day and dinner each day of the course. Lodging is included, complete with bedding and towels, in a single room from the evening before the course to the last day of instruction. Those who wish can generally stay in their room the night after the course for no extra charge. Total price for the course is 10 950 SEK. Those willing to share a room receive 1 000 SEK off the price.

Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room. All courses begin with breakfast at 8:30am at Café Augustas neighbouring Gränsfors Bruk.

Questions or registration can be sent to [courses@gransfors.com](mailto:courses@gransfors.com)

## Courses in Gränsfors 2021

### **Forging course – Forging an axe** 2 days

2 days (breakfast 8:30, instruction from 9:00 on Day 1, finishing around 16:00 on Day 2).

**Dates for all Gränsfors courses can be found on page 2.**

Instruction in Swedish and English. No previous experience required.

With the guidance of an experienced smith's step-by-step examples and instruction, you will gain a glimpse into the world of forging hot steel. You will learn some foundation knowledge such as how to light the forge and about the tools and materials involved – a perfect introduction to blacksmithing and axe making. Forging an axe is in many ways one of the most demanding projects in the forge, and this course focuses on introducing the basics of the different steps involved. Besides gaining a basic understanding of the forge and its tools, during the course of two days you will learn the step-by-step process of making an axe. Participants begin with forging the axe head, followed by the finishing steps of heat treating, grinding, and hafting. The axe model forged in this course is a smaller hatchet, similar to the Gränsfors Outdoor Axe. The goal of the course is that each participant can take home their very own hand-forged axe.

During the two days of the course, you will receive breakfast, lunch, coffee twice a day and dinner. Lodging is included, complete with bedding and towels, in a single room from the evening before the course to the last day of instruction. Those who wish can generally stay in their room the night after the course for no extra charge. Total price for the course is 5 990 SEK. Those willing to share a room receive 600 SEK off the price.

Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room. All courses begin with breakfast at 8:30am at Café Augustas neighbouring Gränsfors Bruk.

### **Forging course – Forging a knife** 2 days

2 days (breakfast 8:30, instruction from 9:00 on day 1, finishing around 16:00 on day 2).

**Dates for all Gränsfors courses can be found on page 2.**

Instruction in Swedish and English. No previous experience required.

With the guidance of an experienced smith's step-by-step examples and instruction, you will gain a glimpse into the world of forging hot steel. You will learn some foundation knowledge such as how to light the forge and about the tools and materials involved – a perfect 'try-out' introduction to blacksmithing. The focus of this course is to give a basic knowledge and practical experience of the processes involved in knife forging. Besides gaining a basic understanding of the forge and its tools, you will be able to try forging several different styles of knife blades, including a traditional woman's knife, a hidden tang blade, and a full steel knife. The process is introduced step by step, from the lighting of the forge and working of the hot steel, to grinding and heat-treating. There is even the possibility to try forge-welding a laminated blade.

During the two days of the course, you will receive breakfast, lunch, coffee twice a day and dinner. Lodging is included, complete with bedding and towels, in a single room from the evening before the course to the last day of instruction. Those who wish can generally stay in their room the night after the course for no extra charge. Total price for the course is 5 990 SEK. Those willing to share a room receive 600 SEK off the price.

Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room. All courses begin with breakfast at 8:30am at Café Augustas neighbouring Gränsfors Bruk.

Questions or registration can be sent to [courses@gransfors.com](mailto:courses@gransfors.com)



## Courses in Gränsfors 2021

### **Forging Course – Tools of the Blacksmith**

5 days: 26 – 30 July

**Dates for all Gränsfors courses can be found on page 2.**

Making their own tools has long been a hallmark of the blacksmith. This course is designed for those who wish to take home with them both the knowledge and tools required to start equipping a forge. During the course's 5 days you will learn to light and use a coke forge, find and use the heat to reshape mild and carbon steel, and a basic knowledge of the material and blacksmithing as a craft. Items you will forge may include a fire poker, rake and shovel to use in the forge, tongs, chisel/punch, and very own blacksmithing hammer. Participants' own ideas are welcomed.

No previous experience is required, but this course is also appropriate for those with some blacksmithing experience. Instruction in Swedish and English.

During the course you will receive practical instruction in forging for five days, all materials, and can take home what you have forged. You will also receive breakfast, lunch, coffee twice a day and dinner each day of the course. Lodging is included, complete with bedding and towels, in a single room from the evening before the course to the last day of instruction. Those who wish can generally stay in their room the night after the course for no extra charge. Total price for the course is 10 950 SEK. Those willing to share a room receive 1 000 SEK off the price.

Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room. All courses begin with breakfast at 8:30am at Café Augustas neighbouring Gränsfors Bruk.

### **Forging course – Axe making tools**

5 days: 19 – 23 April or 6 – 10 September.

**Dates for all Gränsfors courses can be found on page 2.**

Instruction in Swedish and English. Experience equivalent to Foundation and Continuation courses is recommended.

Forging an axe requires a variety of different tools. In this course you will learn about axe forging from the perspective of making and using the tools involved. You will forge a punch and drift for opening and shaping the eye, along with two pairs of tongs and a top tool fuller. The course ends with forging an axe using the tools you have made. This course is a preparation for Forging Course – Forging a laminated axe, which requires all of the tools made during this week.

During the course you will receive practical instruction in forging for five days, all materials, and can take home what you have forged. You will also receive breakfast, lunch, coffee twice a day and dinner each day of the course. Lodging is included, complete with bedding and towels, in a single room from the evening before the course to the last day of instruction. Those who wish can generally stay in their room the night after the course for no extra charge. Total price for the course is 10 950 SEK. Those willing to share a room receive 1 000 SEK off the price.

Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room. All courses begin with breakfast at 8:30am at Café Augustas neighbouring Gränsfors Bruk.

Questions or registration can be sent to [courses@gransfors.com](mailto:courses@gransfors.com)

## Courses in Gränsfors 2021

### Forging Course – Forging a laminated axe

5 days: 11 – 15 October

**Dates for all Gränsfors courses can be found on page 2.**

Instruction in Swedish and English. This course is designed for those who have some previous forging experience and wish to deepen their knowledge and learn the step-by-step process for forging an axe. During the course of five days, we will forge a small, full-steel camping axe and a slightly larger laminated carving axe or bearded axe. Beyond shaping techniques, forge-welding, hardening, tempering, grinding and hafting will all be addressed. Previous experience equivalent to our Forging – Foundation and Forging – Continuation courses is recommended. While this course is designed to be an extension of the **Axe-making Tools** course, where all the tools required for making an axe are produced, the **Forging a laminated axe** course can also be taken on its own.

During the course you will receive practical instruction in forging for five days, all materials, and can take home what you have forged. You will also receive breakfast, lunch, coffee twice a day and dinner each day of the course. Lodging is included, complete with bedding and towels, in a single room from the evening before the course to the last day of instruction. Those who wish can generally stay in their room the night after the course for no extra charge. Total price for the course is 10 950 SEK. Those willing to share a room receive 1 000 SEK off the price.

Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room. All courses begin with breakfast at 8:30am at Café Augustas neighbouring Gränsfors Bruk.

### Forging Course – Damascus

5 days: 8 – 12 March

**Dates for all Gränsfors courses can be found on page 2.**

Instruction in Swedish and English. Experience equivalent to Forging Course – Foundation and Forging Course – Continuation is recommended.

With the guidance of an experienced smith's step-by-step examples and instruction, you will gain a glimpse into the world of forging Damascus, otherwise known as pattern-welded, steel. This course focuses on the making of this material through forge welding layers of different steels together, and manipulating the result to create patterns in the finished billet. Pattern welding is not only used to create beautiful patterns, but is also a means for a smith to combine the properties of different steels to serve a distinct purpose. The emphasis of the course is creating the Damascus steel itself and learning and practicing the techniques required. During the course there will also be time to further explore forging one's own Damascus into such items as knives or jewellery. Finishing processes such as hardening, polishing, and etching are also introduced. Participants' own ideas are welcomed.

During the course you will receive practical instruction in forging for five days, all materials, and can take home what you have forged. You will also receive breakfast, lunch, coffee twice a day and dinner each day of the course. Lodging is included, complete with bedding and towels, in a single room from the evening before the course to the last day of instruction. Those who wish can generally stay in their room the night after the course for no extra charge. Total price for the course is 10 950 SEK. Those willing to share a room receive 1 000 SEK off the price.

Questions or registration can be sent to [courses@gransfors.com](mailto:courses@gransfors.com)

## Log-building courses

**Dates for all Gränsfors courses can be found on page 2.**

We have two log-building courses to choose from – a short “try-out” course of three days and a longer five-day option. Courses are led by Andreas Hipf, a carpenter and teacher with many years of experience. The courses are a combination of theory and practice, with focus on the practical construction of log joints. The log-building takes place outdoors under a roof, near the Gränsfors Bruk axe forge where the forging courses are also held. You will work with axes made by Gränsfors Bruk.

Minimum age is 16 years, no previous experience required. Instruction is offered in Swedish and English. Pictures from previous courses can be viewed at [www.gransforsbruk.com](http://www.gransforsbruk.com)

Room and board, complete with bedding, are included in all Gränsfors Bruk courses. Those who wish can generally stay in their room the night after the course for no extra charge.

Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room. All courses begin with breakfast at 8:30am at Café Augustas neighbouring Gränsfors Bruk.



Questions or registration can be sent to [courses@gransfors.com](mailto:courses@gransfors.com)



## **Traditional log-building (try-out)**

3 days. This course takes place on three occasions in 2021, weeks nr. 25, 29, 33 and 35.

**Dates for all Gränsfors courses can be found on page 2.**

No previous experience is required. Minimum age is 16 years. Instruction in Swedish, English, and German depending on the participants.

If you are interested in trying out log-building as it was in the past, then this is the course for you. During 3 days you will gain a first glimpse of how traditional log-building works. The course's focus is on joining timbers and the fitting of wedge-shaped logs. We use logs that are cut and milled with an onsite sawmill to ensure plenty of time for practicing good quality joints.

You will work with hand tools and axes produced by Gränsfors Bruk. The course takes place outdoors under a roof. Bring a folding rule and pencil, heavy duty work clothing and rain gear. Work boots with steel toes and reinforced soles recommended but not required.

Pictures from previous courses can be seen at [www.gransforsbruk.com](http://www.gransforsbruk.com) .

During the days of the course you will receive breakfast, lunch, coffee twice a day and dinner. Lodging is included, complete with bedding and towels, in a single room from the evening before the course to the last day of instruction. Those who wish can generally stay in their room the night after the course for no extra charge. Total price for the course is 6 975 SEK. Those willing to share a room receive 800 SEK off the price.

Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room. All courses begin with breakfast at 8:30am at Café Augustas neighbouring Gränsfors Bruk.

## Log-building course – Traditional log-building

5 days: 14 – 18 July or 23 – 27 August

**Dates for all Gränsfors courses can be found on page 2.**

No previous experience is required. Minimum age is 16 years. Instruction in Swedish, English, and German depending on the participants.

As a course participant you will be part of a building project, which may include anything from an “Attefallshus” to a simple outbuilding. Together we discuss project planning, ground and foundation, timber selection, truss solutions, window and door openings, roof construction and more, as well as study the construction of completed log houses. The course’s focus is on joining timbers and the fitting of wedge-shaped logs. We use logs that are cut and milled with an onsite sawmill to ensure plenty of time for practicing good quality joints. The course is a combination of theory and practical application but the focus is on building up the practical skills.

You will work with hand tools and axes produced by Gränsfors Bruk. The course takes place outdoors under a roof. Bring a folding rule and pencil, heavy duty work clothing and rain gear. Work boots with steel toes and reinforced soles recommended but not required.

Pictures from previous courses can be seen at [www.gransforsbruk.com](http://www.gransforsbruk.com) .

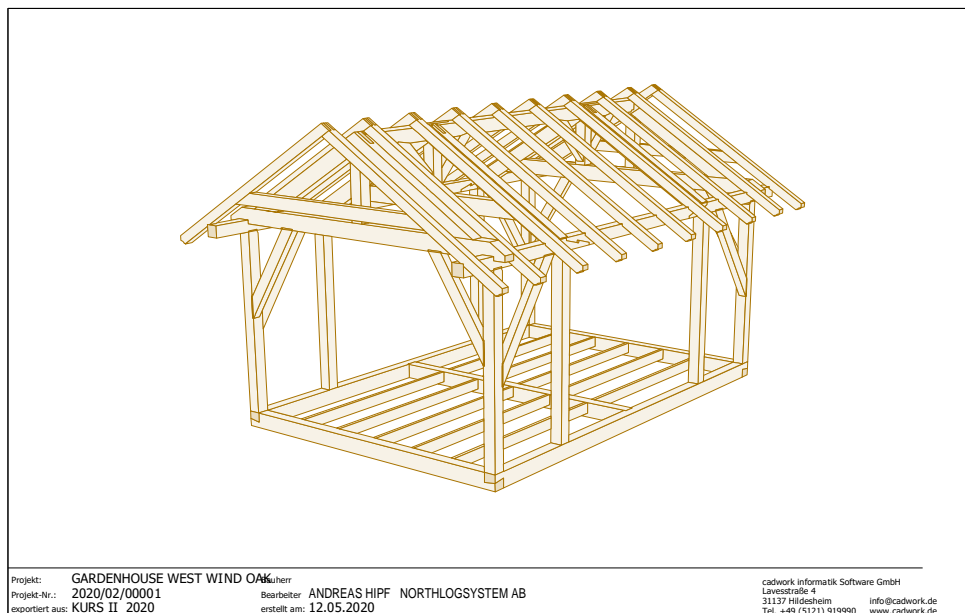
During the days of the course you will receive breakfast, lunch, coffee twice a day and dinner. Lodging is included, complete with bedding and towels, in a single room from the evening before the course to the last day of instruction. Those who wish can generally stay in their room the night after the course for no extra charge. Total price for the course is 10 950 SEK. Those willing to share a room receive 1 000 SEK off the price.

Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room. All courses begin with breakfast at 8:30am at Café Augustas neighbouring Gränsfors Bruk.

## Courses in Gränsfors 2021

### Timber Framing

Timber framing is an alternative to the traditional log-building technique for constructing large or small houses. Courses are led by timber framing expert Johannes Kästel in collaboration with carpenter Andreas Hipf. Information about timber framing (in Swedish) can be found at <https://stolpverk.org>.



### Timber Framing course – Timber frame construction

6 days: 24 – 29 May or 2 – 7 August or 27 September – 2 October

**Dates for all Gränsfors courses can be found on page 2.**

Timber frame construction has long existed in practically every country. Over many years it has been refined in places such as Great Britain, Germany, and Japan, and has become a carpentry technique which, through the efforts of skilled craftspeople, has resulted in architectural masterpieces, both functional and aesthetic.

In this course you will learn how to build a timber frame house. We will build using the Square Rule method, in which we use a square and layout lines to find and cut out the perfect timber from each log. No previous experience is required. Minimum age is 16 years. Instruction in English, Swedish, and German depending on the participants. The course takes place outdoors under a roof. Bring heavy duty work clothing and rain gear. Work boots with steel toes and reinforced soles recommended but not required.

During the six days of the course you will receive breakfast, lunch, coffee twice a day and dinner. Lodging is included, complete with bedding and towels, in a single room from the evening before the course to the last day of instruction. Those who wish can generally stay in their room the night after the course for no extra charge. Total price for the course is 12 960 SEK. Those willing to share a room receive 1 400 SEK off the price.

Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room. All courses begin with breakfast at 8:30am at Café Augustas neighbouring Gränsfors Bruk.

Questions or registration can be sent to [courses@gransfors.com](mailto:courses@gransfors.com)

## Courses in Gränsfors 2021

### Course – Build a Summerhouse

6 days + 6 days = 12 days total: 5 – 10 July and 12 – 17 July.

#### Be a part of building a summer house!

In this course we try to think in new ways about how to run a course and how to build a summer house. The starting point is how a summer house is commonly used – almost entirely during the summer with perhaps a few days at other times. We do not build a simple cabin on this course. The summer house is divided in two parts: a small section, the heart of the house, a well-insulated cube containing a heat source, kitchen, and limited sleeping area; and a larger section, with high ceilings, lots of natural light, non-insulated walls, ceiling and windows, but with plenty of room for festive meals and sleeping areas. By omitting the insulation in the larger section, the summer area, we will achieve a significantly lower price for the overall construction. And possibly a more interesting and beautiful house.

The central cube will be built of prefabricated sections of IsoTimber, a construction of wood and air, which the participants place on a plinth foundation and connect together. Windows, doors, isolated floor and ceiling will then be added.

The larger section will be built with conventional framing construction with lumber – as our grandparents built barns in the countryside.

The summer house is architect-designed with the ambition to create a house which holistically combines an ecologic and minimalistic theme. Quality materials and smart decisions are obviously important, but together we will identify and place value on the aesthetic aspects of the summer house. A house where no electricity is purchased but rather produced and stored by solar panels and modern batteries which power refrigerator and toaster. A house where traditional kerosene lanterns light the summer evenings, heat comes from wood-fired cast iron or soapstone stove, rain water is collected, and food is prepared in an outdoor kitchen. Washing is done in an outdoor shower, a stone cistern filters grey water, and the bathroom is replaced by a traditional outhouse.

Those interested in this course will be invited to a presentation in plenty of time before signing up to receive more details.

Participants will receive a blueprint and material specifications ahead of time, as well as an estimate of material costs. After the course's conclusion each participant will receive documentation of the process complete with revised costs, drawings, and Swedish building permit application for the summer house. The hope is that with the course's experience, designs, and cost estimate, participants will be enabled and inspired to successfully build their own summer house.

During the 12 days of the course you will receive breakfast, lunch, coffee twice a day and dinner. Lodging is included, complete with bedding and towels, in a single room from the evening before the course to the last day of instruction. Those who wish can generally stay in their room the night after the course for no extra charge.

Total price for the course is 25 920 SEK. Those willing to share a room receive 2 800 SEK off the price. Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room. All courses begin with breakfast at 8:30am at Café Augustas neighbouring Gränsfors Bruk.

Questions or registration can be sent to [courses@gransfors.com](mailto:courses@gransfors.com)



## Charcoal making Course – a collaborative project

3 days, May 19 – 21.

**Dates for all Gränsfors courses can be found on page 2.**

A course in charcoal burning in a “MiniMila”. Over the course of three days, participants will create charcoal which can be used for the grill or as biocarbon in the garden. The course is run with the help of information from Maurice Pale in the UK (who will most likely be unable to come to Gränsfors due to covid-19). The course can be seen as a workshop, an experience where participants are expected to be curious, creative, and actively experiment to collectively arrive at a successful end result – even if the instructor is not present.

Maurice describes a charcoal making course in these words:

“This course is a practical introduction to charcoal making and suitable for anyone wanting to learn the black art of charcoal burning to produce high quality charcoal.

Day 1 is a long one. We’ll start at about 9 am and finish late into the evening at around 9 pm. We’ll make charcoal in a 6’ commercial steel ring kiln and a ‘hobby’ mini kiln.

Day 2 starts slightly later at 10am and finishes around 1: 00pm. During this shorter session, we’ll open up the cooled kilns to assess the results, empty the kilns then grade and bag the charcoal.

We’ll discuss the specification and characteristics of good quality charcoal suitable for the barbeque or use as bio-coal in your garden. Locally made charcoal is sustainable. You will of course take home a bag of the made charcoal.

What you need to bring? Work overalls, work gloves, strong boots, warm evening clothes - and a willingness to get dirty!”

During the days of the course you will receive breakfast, lunch, coffee twice a day and dinner. Lodging is included, complete with bedding and towels, in a single room from the evening before the course to the last day of instruction. Those who wish can generally stay in their room the night after the course for no extra charge.

Total price for the course is 3 360 SEK. Those willing to share a room receive 600 SEK off the price.

Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room. All courses begin with breakfast at 8:30am at Café Augustas neighbouring Gränsfors Bruk.

## Courses in Gränsfors 2021

### General course information

#### Schedule

**All courses begin with gathering and breakfast in Café Augustas at 8:30.**

#### 2 day:

Day 1: breakfast 8:30 – 9:00, course 9:00 – 17:00.

Day 2: breakfast 8:30 – 9:00, course 9:00 – 16:00.

#### 3 day:

Day 1: breakfast 8:30 – 9:00, course 9:00 – 17:00.

Day 2: breakfast 8:30 – 9:00, course 9:00 – 17:00.

Day 3: breakfast 8:30 – 9:00, course 9:00 – 16:00.

#### 5 days and 6 days:

Breakfast every day 8:30 – 9:00.

Course every day 9:00 – 17:00.

#### Accommodation

Lodging is included, complete with bedding and towels, in a single room from the evening before the course to the last day of instruction. Those who wish can generally stay in their room the night after the course for no extra charge. Bathroom and shower are always shared between several participants. The rooms are generally not cleaned during the courses. If you are willing to share a room with another person the course price is reduced.

Participants arrive the evening before the course. Upon arrival, call +46 (0)708 444 200 for directions to your room.

#### Food & Drink

**All meals** – breakfast, coffee, lunch, and dinner – **are included in the course fee** and are served at Café Augustas, owned and operated by Hasse (tele. +46 (0)70 557 19 61). During the summer the restaurant is also open to the public. Requests for extra meals and special diets must be notified when booking, along with non-participants who will be eating. Extra meals and non-participants can pay directly to Hasse.

Café Augustas is located in the village of Gränsfors, approx. 100m from the Gränsfors Bruk axe forge and Gränsfors Axe Museum. Café Augustas has full food and liquor license.

**All courses begin with gathering and breakfast in Restaurant Augustas at 8:30.**

## Courses in Gränsfors 2021

### Getting to Gränsfors by car

Gränsfors is located in northern Hälsingland about 20 km from the Gulf of Bothnia, 350 km north of Stockholm, between Hudiksvall and Sundsvall and approximately 10 km from the E4 motorway.

From the south/north: turn west off of the A4 motorway in Gnarp. By the OKQ8 fuel station is a sign for Gränsfors 10km. Gränsfors is located between Gnarp and Bergsjö along road 758.

More information about Gränsfors Bruk can be found at [www.gransforsbruk.com](http://www.gransforsbruk.com), and the surrounding area at [www.nordanstig.se](http://www.nordanstig.se) and [www.halsingland.se](http://www.halsingland.se).

### Getting to Gränsfors with train and bus

From the south: Take the train to Hudiksvall and then bus to Bergsjö. Call +46 (0)708 444 200 upon arrival and we will pick you up at the bus station in Bergsjö.

From the north: Take the train from Sundsvall to the Gnarp train station. Call +46 (0)708 444 200 upon arrival and we will pick you up at the train station in Gnarp.

Timetables can be found at: [www.sj.se](http://www.sj.se) and [www.x-trafik.se](http://www.x-trafik.se)

### It is easy to ask questions and register for a course

Questions or registration can be sent to [courses@gransfors.com](mailto:courses@gransfors.com)

The information we need, besides which course(s) you want to participate in, is your name, address, telephone number and email address, along with additional information about individual accommodation and special food requests.

After sending a registration form you will receive an email confirmation and invoice.

The courses are arranged in collaboration between Gränsfors Bruk AB and Gårdar i Nordanstig AB, which runs Sagaliden Camping and Courses in Högen.

### Area around the village of Gränsfors

#### Lakes, beaches, forests and mountains

Upstream of Gränsfors lies a sizeable lake, Grännsjön that is perfect for fishing and swimming. There are two excellent sandy beaches to enjoy: Krusbaden and Jägarviken.

Around the lake stretch endless forests with peaks at 200-300 meters above sea level. On a clear day, from nearby mountain Klövberget you can see the Gulf of Bothnia to the east and the blue mountains of Hassela in the west.

There is both a hiking trail and canoe route from Hassela to the sea. Both are a little hidden but worth exploring.

Questions or registration can be sent to [courses@gransfors.com](mailto:courses@gransfors.com)

## Courses in Gränsfors 2021

### **Bergsjö**

10 km west of Gränsfors is the municipality's centre Bergsjö. Here you can find a supermarket, ATM, apothecary, Systembolaget (liquor store), two restaurants, car repair shop and petrol station. In Bergsjö is also located the bus station where buses run daily to Hassela, Gnarp, Hudiksvall and Sundsvall.

### **Gnarp**

10 km east of Gränsfors, at the motorway E4, is the village Gnarp. Here you can find a supermarket, hardware store, petrol station and ATM. From Gnarp you can also take the train and bus to Sundsvall and Hudiksvall, bus to Gränsfors and Bergsjö, and long-distance buses to Stockholm.

### **Sagaliden Camping in Högen**

Sagaliden Camping is located 3 km south of Bergsjö and about 15 minutes' drive from Gränsfors, located in a small but beautiful nook by the lake Storsjön. In the summer there are good swimming opportunities, and during the winter, snow allowing, the start for nice cross-country ski tracks. Sagaliden is owned and operated by Gårdar i Nordanstig AB, which runs courses in collaboration with Gränsfors Bruk.

### **The Gulf of Bothnia**

Twenty kilometres to the east lies the Gulf of Bothnia with wonderful, often wholly unspoiled, beaches. You will also find a string of beautiful small coastal communities, including Sörfjärden with its beach, restaurant *En Liten Sjökrog*, camping, and golf course, and Mellanfjärden, which has a hotel, the *Sjömärket* restaurant and camping. Running along the coast is Kuststigen, a walking trail from village to village, stretching 60 km in total.

### **Hassela Ski Resort**

Hassela, 20 km west of Gränsfors, has 12 downhill ski runs, cross-country skiing trails, scooter safaris, dog sled tours and spa facilities during the winter season. [www.hasselaski.se](http://www.hasselaski.se)