### Modulname
Log house building course

### Studiengang
Forstwirtschaft

### Studiensemester
3 bis 6, jeweils im Sommersemester

### Modultyp
Wahlmodul

### Kreditpunkte

<table>
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<tr>
<th>Arbeitsaufwand (h)</th>
<th>gesamt</th>
<th>Präsenzzeit</th>
<th>Selbststudium</th>
<th>SWS</th>
<th>davon Halbgruppe</th>
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### Qualifikationsziele
The purpose of this course is to provide the students an overview about the construction of loghouse buildings. The participant will learn the traditional carpenter skills, the meaning of ecological construction, building design, influence to landscape, prizing of the product, manufacture of frame and traditional loghouses. Further on the students learn the English language in a certain field of handcraft related to the Scandinavian forests.

### Lehrinhalte
- Construction practices
- Frames outlook trimming
- observing a sawmill
- Thermal insulation
- Door- and window gaps
- Alignments on logs and notches
- Peeling techniques
- Structure and attributes of timber
- Worksite planning
- Work safety
- Tools in log house building

### Lernergebnisse
The students know:
- the main traditional ways of wooden house construction in practice (N1 + N2)
- to handle specific tools and machines for loghouse construction (N5)
- to calculate and plan a loghouse project (N3 + N4)
- about their own relationship for managing and construction for different house objects (N2 + N3)
- about specific terms in design of wooden houses (N2 + N3)
- safety and health behaviour during construction (N5)

### Lehr- und Lernformen
Seminars, practical exercises and excursion

### Empfohlene Literatur
- Lecture notes available

### Studien- und Prüfungsleistungen
K1 and BÜ

### Voraussetzungen nach Prüfungsordnung

### Empfohlene Voraussetzungen
Participation in the one week chainsaw course, sufficient knowledge of the English language, good health (strenuous climatic and working conditions in Finland - wintertime)
<table>
<thead>
<tr>
<th>Modulbeauftragte(r)</th>
<th>F. Bombosch</th>
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<tbody>
<tr>
<td>Dozenten</td>
<td>Bombosch, Kukkola, Honkanen</td>
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<td>Sprache</td>
<td>English</td>
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