

Course syllabus for

P02: International Product and Production Development

2025 European resilience: We will travel and visit companies and universities in Western/Central Europe

This year (2025) Specific dates:

- Application must be submitted before May 11th 2025 :
Send application to dagb@chalmers.se

Application should include: Short 1 page CV, including research topic, research progression (lic. completed) or percentage completed. Short list of published articles. (and university affiliation). Also include your nationality and a statement that you can travel to EU/Schengen countries(i.e. no obvious foreseeable visa issues).

- Ensure that you are a member or apply for membership at the same time as you register for the course (no charge). <https://produktion2030.se/en/graduate-school-membership/membership/>
- The course will involve 4 physical meetings with the main event being in EU (2 weeks).
- To ensure that you can participate for the course we have reserved the dates below:
 - Meeting 1: 26-27 May (Gothenburg)
 - Meeting 2: 16-17 June. (TBD)
 - Meeting 3: 27-29 August (TBD)
 - European trip: 22 sept – 3 okt.
- Final Report Deadline 2025-11-15
- Presentation: TBD



COORDINATOR:



FOUNDERS:



With support from



General Course description (does not change specifically over the years):

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| Credits | 7,5 hec |
| Grading scale | Satisfactory/not satisfactory |
| Education cycle | Third-cycle |
| Examiner | Dag Bergsjö, Chalmers University of Technology |
| Eligibility | A Master's degree in engineering or currently enrolled as a PhD student in a relevant theme. Selection of participants will be based on the individual application, submitted before application deadline. |
| Selection: | Selection (if more than 20 applications) is based on previous experience in particular regarding the research topic and progress as well as participation in other Production 2030 courses. If several applications from same university, there will be a prioritisation for diverse participation from member universities. Participants already completed a previous edition of the course will not be prioritized. |
| Aim | The course aims to create an in depth understanding of product development and production from a global perspective. By visiting regions and discussing problems with fellow PhD students and industrialists from around the globe. Each year the course will have a specific focus on a special region. |
| Intended learning outcomes | <p>After completion the course participant should be able to:</p> <ul style="list-style-type: none">• Identify key differences and similarities regarding product and production development in the studied region in relation to Sweden.• Demonstrate the ability to formulate learnings from the study visits both orally and in written text and relate the experiences to the research front and industrial practice.• Be able to present the cultural and historic development of the region(s) we visit.• Write accessible texts, for a broader non researcher audience.• describe the regions business system, production and development industry. |

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| Course content | The course is organised around a series of meetings in Sweden (and Scandinavia) in conjunction with a longer 1-2 week field trip to the theme region. |
| Course organisation | <p>Three meetings before the field trip ranging from 2-3 days. One longer visit (1-2 weeks) and a follow up presentation/reunion day 1 day. Totally 5 meetings. All meetings will include field trips and networking events with local industry and researchers.</p> <p>Each course participant will be assigned a theme group where you will work on a theme relating to both your research topic and the theme region to be visited. Further all participants will be included in groups responsible for:</p> <ul style="list-style-type: none">• Final presentation (Content, design and execution)• Final report (layout, organization, review, print, etc)• Funding and sponsoring• Travel planning (content, pathways, weekend activity) |
| Examination | <p>A successful completion of this course will be judged on the following:</p> <ul style="list-style-type: none">• Completion of the final report within the deadline set.<ul style="list-style-type: none">○ Completion of specific “theme” chapter regarding their own research. And:○ Active participation in general parts.• Presentation of the report on a local production conference• Participation at the first event• Participation at the field trip• Participation at 2 of 3 of the remaining events. |
| Literature | No specific literature. Literature relating to the own theme chapter will be selected by the individual groups. |