



GRADUATE SCHOOL

GM0516 Intermodal Freight Transport, 7.5 credits

Intermodal Freight Transport, 7,5 högskolepoäng

Second Cycle

Reading list for GM0516, to be valid from autumn semester of 2020

Reading list was confirmed by Graduate School on 2020-04-16 to be valid from 2020-08-31.

See appendix.

Literature GM0516 Autumn 2020

Reading instructions

Rickard Bergqvist

Monios, J and Bergqvist, R. 2017, *Intermodal Freight Transport and Logistics*, CRC Press

Articles:

- Dewitt & Clinger, *Intermodal Freight Transport*
- Jones, Cassady & Bowden, *Developing a Standard Definition of Intermodal Transportation*

Johan Woxenius

Annual reports to download yourself:

- AP Moller-Maersk annual report 2015, <http://investor.maersk.com/financials.cfm>
- Annual report UIRR 2014-15, <http://www.uirr.com/en/media-centre/annual-reports/annual-reports/mediacentre/716-annual-report-2014-15-incl-statistics.html>

Articles and reports distributed through CANVAS:

- Bergqvist, R., Woxenius, J. (2011) Hinterland transport by rail – The story of Scandinavia and Port of Gothenburg, *Journal of Interdisciplinary Economics*, 23(2), pp. 161–175.
- Woxenius, J., Andersson, E., Bärthel, F., Troche, G., Sommar, R. Trouvè, J., 2004, *A Swedish intermodal transport service based on line-trains serving freight forwarders*, the 10th WCTR, Istanbul, 4-8 July. http://www.fek.handels.gu.se/digitalAssets/1344/1344716_2004_wctr_woxenius_et_al_revised_cd.pdf.
- Woxenius, J., Flodén, J. (2013) *Agility in the Swedish intermodal freight market*, the 13th WCTR, Rio de Janeiro, July 15-18.
- UIC (2009), 2007 Report on Intermodal Rail/Road Transport in Europe, DIOMIS – Developing Infrastructure and Operating Models for Intermodal Shift, International Union of Railways, Paris.

Articles to search for and download yourself:

- Roso, V., Woxenius, J., Lumsden, K. (2009) The dry port concept – connecting seaports with their hinterland by rail, *Journal of Transport Geography*, 17(5), pp. 338-345. [doi:10.1016/j.jtrangeo.2008.10.008](https://doi.org/10.1016/j.jtrangeo.2008.10.008).
- Bärthel, F., Woxenius, J., 2004, Developing intermodal transport for small flows over short distances, *Journal of Transportation Planning and Technology*, 27(5), pp. 403-424.
- Woxenius, J. (2007) A generic framework for transport network designs: applications and treatment in intermodal freight transport literature, *Transport Reviews*, 27(6), pp. 733-749. [doi:10.1080/01441640701358796](https://doi.org/10.1080/01441640701358796).
- Sommar, R., Woxenius, J. (2007) Time perspectives on Intermodal transport of consolidated cargo, *European Journal of Transport and Infrastructure Research*, 7(2), pp. 163-182. http://www.ejtir.tudelft.nl/issues/2007_02/index.asp
- Woxenius, J., Persson, J., Davidsson, P. (2013) Utilising more of the loading space in intermodal line trains – measures and decision support, *Computers in Industry*, 64(2), pp. 146-154. [doi:10.1016/j.compind.2012.11.007](https://doi.org/10.1016/j.compind.2012.11.007).

Jonas Flodén

Information about seminar and reading instructions for Jonas Flodén's part of the course Intermodal Freight Transport:

This part of the course will concern modelling and a systems perspective of intermodal transport system. For this part we will use a number of articles.

The lecture and seminar on Friday October 19 will include an exercise in systems thinking. It is recommended that you before the lecture have read the paper "A short introduction to soft systems methodology".

On Monday October 22, there will be a lecture and seminar about modelling in intermodal system. Each student will be assigned one of the following articles to read and discuss in groups during the seminar. The assignment of students to the articles will be published on the homepage. It is not compulsory to read all articles and they are not included in the exam.

- Kronback (2006), The use of GIS for modelling and visualisation of cost-competition between land and sea transport, IAME 2006 conference, Available on the course homepage.
- Jourquin & Beuthe (1996), Transportation policy analysis with a geographic information system: The virtual network of freight transportation in Europe, Transportation Research C, Vol 4, No 6, pp. 359-371. Available on-line in the library databases.
<http://www.ub.gu.se/sok/>
- Nozick & Morlok (1997), A model for medium-term operations planning in an intermodal rail-truck service, Transportation Research A, Vol 31, No 2, pp. 91-107. Available on-line in the library databases.
<http://www.ub.gu.se/sok/>
- Golias & Yannis (1998), Determinants of combined transport's market share, Transport Logistics, Vol 1, No 4, pp. 251-264. Available on-line in the library databases. <http://www.ub.gu.se/sok/>

Other literature included in this part of the course is

- Business models in intermodal transport, Available on the homepage

Required reading (included in the exam) for this part of the course is

- Monios, J and Bergqvist, R. 2017, Intermodal Freight Transport and Logistics, CRC Press
- Business models in intermodal transport, Available on the homepage
- Flodén, 2009, A short introduction to soft systems methodology, School of Business, Economics and Law, University of Gothenburg
- Lecture Power Point presentations (will be published on the homepage)

Paula Bäckdén

- Johansson, Svante, 2014, *An outline of transport law*, [Jure Förlag](#), ISBN: 9789172235885
- Articles and papers: see student portal (CANVAS)