



DALARNA
UNIVERSITY

Master Programme in Business Intelligence 120 credits

Expand your mind. Now expand it even further Think Business Intelligence

Business Intelligence is the collective term for skills, technology, applications and methods of a systematic and scientific nature which an organisation can use to better understand its business activities and its environment. Business Intelligence creates a learning environment which makes it possible for organisations and companies to run their activities more effectively and more intelligently.

Programme Content

To attain the knowledge necessary for success in this field, students study subjects such as decision-making systems, data modelling, experimental planning, geographical information systems, optimisation, prognosis, simulation and statistical inference, and understanding for business development and organisation during a period of two years.

Learning Outcomes

After two years on the Business Intelligence programme you will have the ability to develop new and original knowledge, create new ideas as you have received specialised theoretical and practical knowledge which for the most part is unique and is at the cutting edge of this field. You are independent and can handle business situations involving problem-solving where many factors interplay. In other words, you have learned to analyse the apparent chaos and identify what really is interesting and relevant. You will know how this should be communicated so that the information contributes to the organisation's development.

Future Prospects

All this will make you a very attractive prospect in the job market as you know how to collect, store, analyse and quality assure data. In addition, you are able to provide the right information at the right time to the right place. With your masters degree in Business Intelligence you have the qualifications to obtain a desirable employment in Dalarna, Sweden, Europe, or internationally.

Course overview (examples)

- Data collection and data quality
- Business Intelligence
- Linear and generalised linear models
- Calculation and modelling with R
- Business Systems
- Neural Networks
- Advanced statistical modelling
- Data Mining
- Spatial Data and Geographic Information Systems
- Multi-agent systems

More information

www.du.se/bi

Contact information

Program manager

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Student administrator

Anneli Södergren

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Application code: See www.du.se/bi

Programme start date: autumn 2011

Rate of study: full-time

Location of study: Borlänge

Educational language: English

Applications to: www.studera.nu

Prerequisites: Degree certifying completion of under graduate education (with a minimum study equivalent to 180 credits or an equivalent foreign degree) and at least three of five courses. Courses which give you the qualifications necessary to fulfil the entry requirements are given continuously by distance. For more information about these courses please see www.du.se/bi

du.se

Why study at Dalarna University?



In the heart of the beautiful region of Dalarna you will find Dalarna University, close to nature, the great outdoors as well as urban life. Dalarna is a region full of traditions. It is from here that the world famous Dala horse originated; here you will find the roots of traditions which are reflected in the entire country. Here you will also find Falun with its World Heritage Falu Copper Mine which gave the country great wealth for several centuries.

Another major town in Dalarna is Borlänge with its many industries such as SSAB, one of the world's largest steel companies, and IT companies. Sogeti and Viati are examples of two IT companies which have very close cooperation with the University. Borlänge is also home to Sweden's largest authority, The Swedish Transport Administration which operates the country's roads and railways.

The Business Intelligence Programme gives you the opportunity to solve companies' practical problems. Through our close cooperation with companies and organisations you will have access to company and organisational data for use during your studies. As a result you are able to build relationships with companies which will be a great asset when you have completed your education.



Dalarna has a beautiful nature, which makes people always happy and working with good emotions. This is quite different from most other places in the world.

Student, Dao Li



Dalarna – Brief facts

- Land and water area: 31,351 km²
- Highest point: Storvätteshåga, 1.2 km² above sea level.
- Lowest point: where the river Dalälven runs out of the region in the south east, 55 metres above sea level.
- Largest lakes: Siljan 280 km², Runn 62.5 km², Amungen 62.9 km²
- Deepest lake: Siljan, deepest trench 124 m.
- Longest body of water: the river Dalälven 520 km.
- Music festival: Peace and Love in Borlänge is Sweden's largest music festival.

More information

www.du.se/bi

Contact information

Program manager

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Business Intelligence Makes You a Winner!



From autumn 2011, as the first higher education institute in Sweden and one of the few in Europe, we are offering a master's programme in 'real' Business Intelligence.



Majbritt Felleki
doktoral student



Roger Nyberg
doktoral student



Dao Li
doktoral student



Our students agree:

"With the unique cross-disciplinary master programme in Business Intelligence at Dalarna University you have the best chance of a successful career, no matter whether you will work as a researcher, for a private company, or for a public authority. Would you like to join us at the start of this programme? It is up to you to choose."

As one of our students you will be making the best investment for your career. You will be one of an organization's most important employees and with your masters in Business Intelligence from Dalarna University you have every opportunity for stimulating employment in Dalarna, in Sweden, in Europe, in the world.

Making the right decision will make all the difference!

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