Gubkin Russian State University of Oil and Gas

The experience in establishing MSc programme “Offshore Field Development Technology” with the University of Stavanger

PhD, Associate professor Vladimir Balitskiy
Dmitry Medvedev:

“A lot of time has been used to solve the Grey Zone issue in the Barents Sea and the Arctic Ocean. To be honest I must say that this problem complicated our relations. Today we’ve met and resolved this issue.”
Europe Arctic Offshore – HC Potential

Arctic HC resources, BTOE
Available: 82 BTOE

Oil and gas production forecast from the Northern seas

Ref.: A.N. Dmitrievsky, RAO-2009

41,7 BTOE – Europe Arctic resources

- Barents
- Kara
- North Sea
- Norwegian Sea
- Barents West
- Grey Zone
Gazprom, Total and Statoil are partners in developing the first phase of the Shtokman...

Gazprom, Total and Statoil (former - StatoilHydro) have signed a shareholders' agreement on the establishment of a special-purpose company “Shtokman Development AG”
International Graduate Program

University of Stavanger – Gubkin University cooperation since 1991

- International Graduate Program “Offshore Field Development Technology” - starts in 2010
Mutually beneficial cooperation

Authoritative experts from various companies were involved to participate in the academic process.
International Graduate Program “Offshore Field Development Technology”

Expenses for administrative support
- Norway: 47%
- Russia: 53%

Expenses for teaching exchange
- Norway: 36%
- Russia: 64%

Expenses for students travelling
- Norwegian students: 40%
- Russian students: 60%
Place of Study

Moscow

1 term
Russian students

2 term
Joint training

3 term
Joint training

4 term
Russian students

Stavanger

Norwegian students
Duration of the program is 2 years (4 semesters) and summer internship.

1-st term (Gubkin Russian State University of Oil and Gas):

1. Probability, Statistics and Stochastic Modeling of Uncertainty;
2. Natural Gas Industry: Economics and Management;
3. Oil and Gas Wells Drilling Technology;
4. Offshore Field Development;
5. Decision Making and Risk Analysis;
Internship in the oil and gas industry during the summer period

2-nd term (Gubkin Russian State University of Oil and Gas):

1. Flow of Fluids in Pipes
2. Marine Technology;
3. Challenges in Offshore Project Development;
4. Arctic Gas;
5. Measurements in Oil and Gas Production;
6. Non-conventional hydrocarbon resources.
Curriculum

3-rd term (University of Stavanger):
1. Sub sea technology;
2. Marine Operations;
3. Pipelines and Risers;
4. Arctic Offshore Engineering.

4-th term:
Preparation and defence of Master thesis
The first 5 students of the Program
(Future specialists in Offshore Field Development Technology)

A. Ozorishin, S. Duplensky, K. Kornishin, Y. Efimov, E. Pribytkov
near the monument of I. M. Gubkin – the founder of our University
2009 Internship – Barents Sea
2010 Internship - Sea of Okhotsk

Students K. Kornishin and J. Efimov at the Internship
The first Norwegian Student of the Program

Gubkin Russian State University of Oil and Gas

University of Stavanger

Halil Øzarpa
Our contacts

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Welcome!

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