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<th>Manpower development of maritime professionals in Singapore</th>
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<td>Gou, Xueni</td>
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Supervisor: Associate Professor Wong Yiik Diew
Project Title: Manpower Development of Maritime Professionals in Singapore

**Introduction**
With Singapore heavily investing itself to be a premier *International Maritime Centre*, maritime professionals for shore-based maritime careers in Singapore are demanded urgently. BSc (Maritime Studies) degree programme in NTU, being the first local Maritime degree programme, plays a crucial role in training manpower for the maritime industry.

**Objectives:**
Collect and analyse data from BSc(MS) students/graduates on following aspects: reasons for choosing BSc(MS) degree programme, experiences/expectations on industrial immersion and academic exchange to BI (Norway), and employment prospects.

**Methodology:**
- Literature reviews, Surveys
- Literature reviews
- Surveys

**Top reason for choosing BSc (MS) degree programme**
- 1. Passions for the maritime industry
- 2. Good job prospects in the maritime industry
- 3. Attraction of the programme itself
- 4. Others

**Research subjects:**
- 5 cohorts of Maritime Studies students/graduates of Nanyang Technological University (NTU)

**Respondents’ characteristics:**
- Pre-university qualification
- Post-university qualification

**Benefits**
- Learn in a more mature maritime education system
- Gain experience in a more developed maritime nation
- Gain an international and intercultural exposure
- Experience an independent life

**Disbenefits**
- Very costly
- Too far away from home for 5 months
- Isolation from local (Singapore) life
- Cold weather in winter

**Experiences/expectations about Exchange study in Norway**
- Norwegian School of Management (BI)

**Experiences/expectations about Industrial Immersion**
- Acquire professional skills: shipping rules, ship chartering, brokering knowledge, terminal administration skills, etc.
- Acquire general business skills: report writing and presentation skills, interpersonal skills, etc.
- Help in future career choice

**Job prospects**
- 1. Shipping operation
- 2. Shipping management
- 3. Ship brokerage
- 4. Ship chartering
- 5. Ship finance
- 6. Freight forwarding
- 7. Marine insurance
- 8. Marine legal services
- 9. Marine surveying
- 10. Logistics services
- 11. Port/terminal operation
- 12. Government/regulatory authorities
- 13. Others

**Conclusions:**
- Great passions and high expectations for maritime industry as more and more fresh talents are being trained for the huge maritime industry
- Education efforts for maritime industry in Singapore is under rapid and comprehensive development, with the BSc(MS) degree offered by NTU being a premier programme for shore-based maritime professionals
- Job prospects for shipping industry in Singapore are rather broad with strong demand for shore-based maritime professionals