Curricula

Year by year

Y1. Core Module. 60 ECTS
Learning the Ropes

SBE101. Marine Ecosystems & Biodiversity	5 ECTS
SBE102. Ocean Functioning	5 ECTS
SBE103. Applied Mathematics	5 ECTS
SBE104. Foundations of Economics	5 ECTS
SBE105. Introduction to Sustainable Blue Development	5 ECTS
SBE106. Soft & Academic Skills	5 ECTS
SBE107. Marine Natural Capital & Ecosystem Services	5 ECTS
SBE108. Impact of Human Activities on the Ocean	5 ECTS
SBE109. Blue Business Management	5 ECTS
SBE110. Marine & Maritime Governance, Laws & Regulations	5 ECTS
SBE111. Ecological Economics	5 ECTS
SBE112. Statistics	5 ECTS

Y2: Toolbox Module. 60 ECTS
Running a Tight Ship

SBE201. Geographic Information Systems	5 ECTS
SBE202. Digital Data Compilation, Analysis & Visualisation	5 ECTS
SBE203. Sustainable Blue Entrepreneurship & Innovation	5 ECTS
SBE204. Climate Change	5 ECTS
SBE205. Circular Blue Economy	5 ECTS
SBE206. Models for Environmental & Economic Systems	5 ECTS
SBE207. Remote Sensing Data & Techniques	5 ECTS
SBE208. Marine Spatial Planning (MSP) & Integrated Coastal Zone Management (ICZM)	5 ECTS
SBE209. Introduction to Blue Industries	5 ECTS
SBE210. Environmental Accounting	5 ECTS
SBE211. Foundations of Finance	5 ECTS
SBE212. Sustainability Reporting	5 ECTS

Y3. Expertise Module. 60 ECTS
Charting the Course

Pathway 1. *Blue Sustainability Accounting, Management and Planning* (UPN/UG)

Pathway 2. *Conservation and Sustainable Use of Marine Resources* (UG)

Pathway 3. *Human Impact in the Arctic* (NORD)

Pathway 4. *Sustainable Port-Tourism Cities* (UNIST)

Pathway 5. *Blue Management: Accounting, Conservation and Restoration* (UCA)

Pathway 6. *Blue Industries: Tourism and Seafood* (UAlg/UCA)

Y3. Pathway 1. *Blue Sustainability Accounting, Management and Planning* (UPN/UG)

SBE311-P1. Landscape Planning & Management	5 ECTS
SBE312-P1. Life Cycle Assessment	5 ECTS
SBE313-P1. Environmental Monitoring	5 ECTS
SBE314-P1. Ocean Ecology & Accounting	5 ECTS
SBE315-P1. Aquaculture & Food Security	5 ECTS
SBE316-P1. Sustainable & Climate Finance	5 ECTS
SBE317-P1. Environmental & Urban Planning	5 ECTS
SBE318-P1. Maritime Sustainable Supply Chains	5 ECTS
SBE319-P1. Operation Planning & Management	5 ECTS
SBE401-P1. ***Option 1. Research oriented*** Research bachelor project	15 ECTS
SBE402-P1. ***Option 2. Professionally oriented*** Internship + Bachelor project	10 ECTS 5 ECTS

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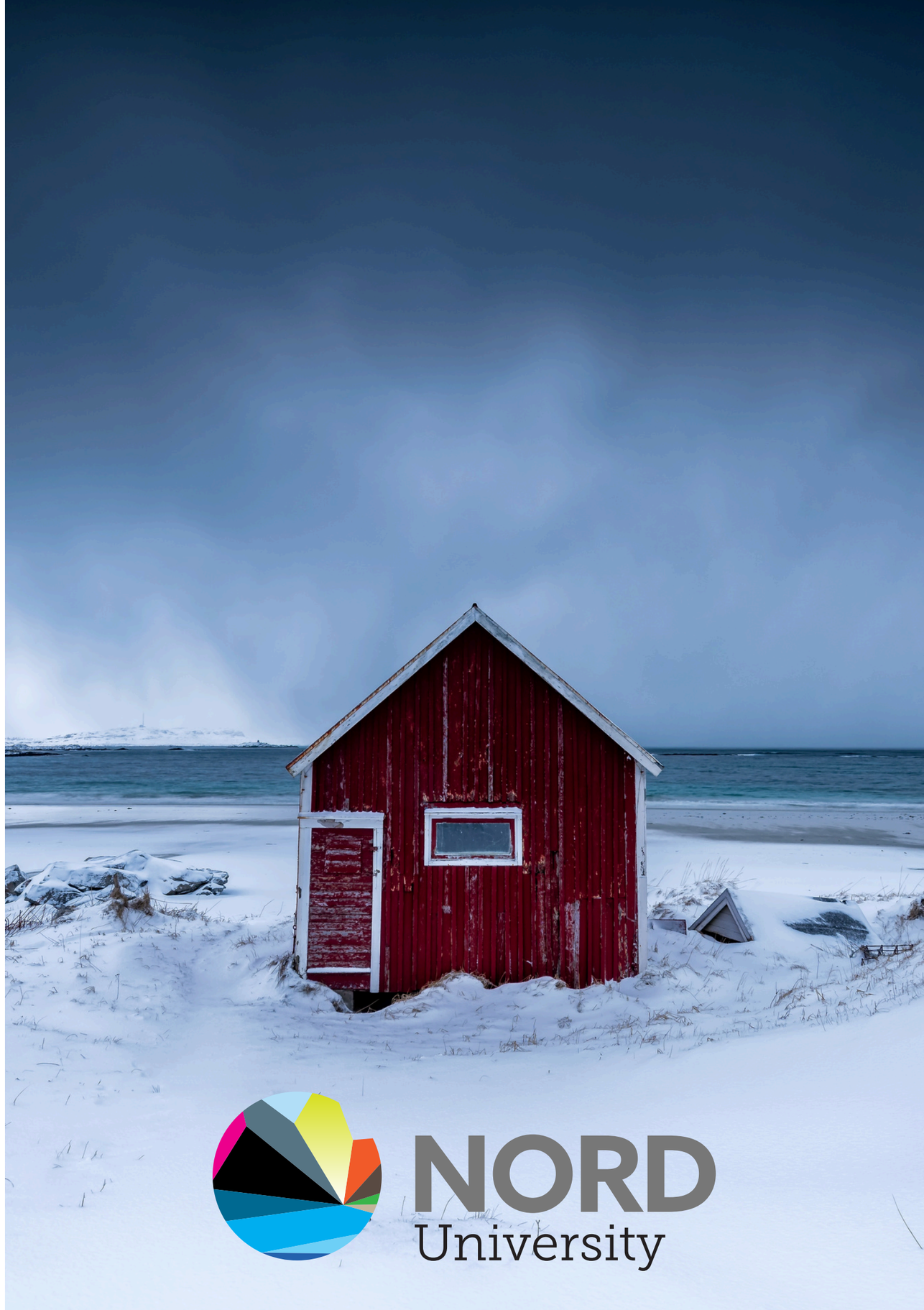
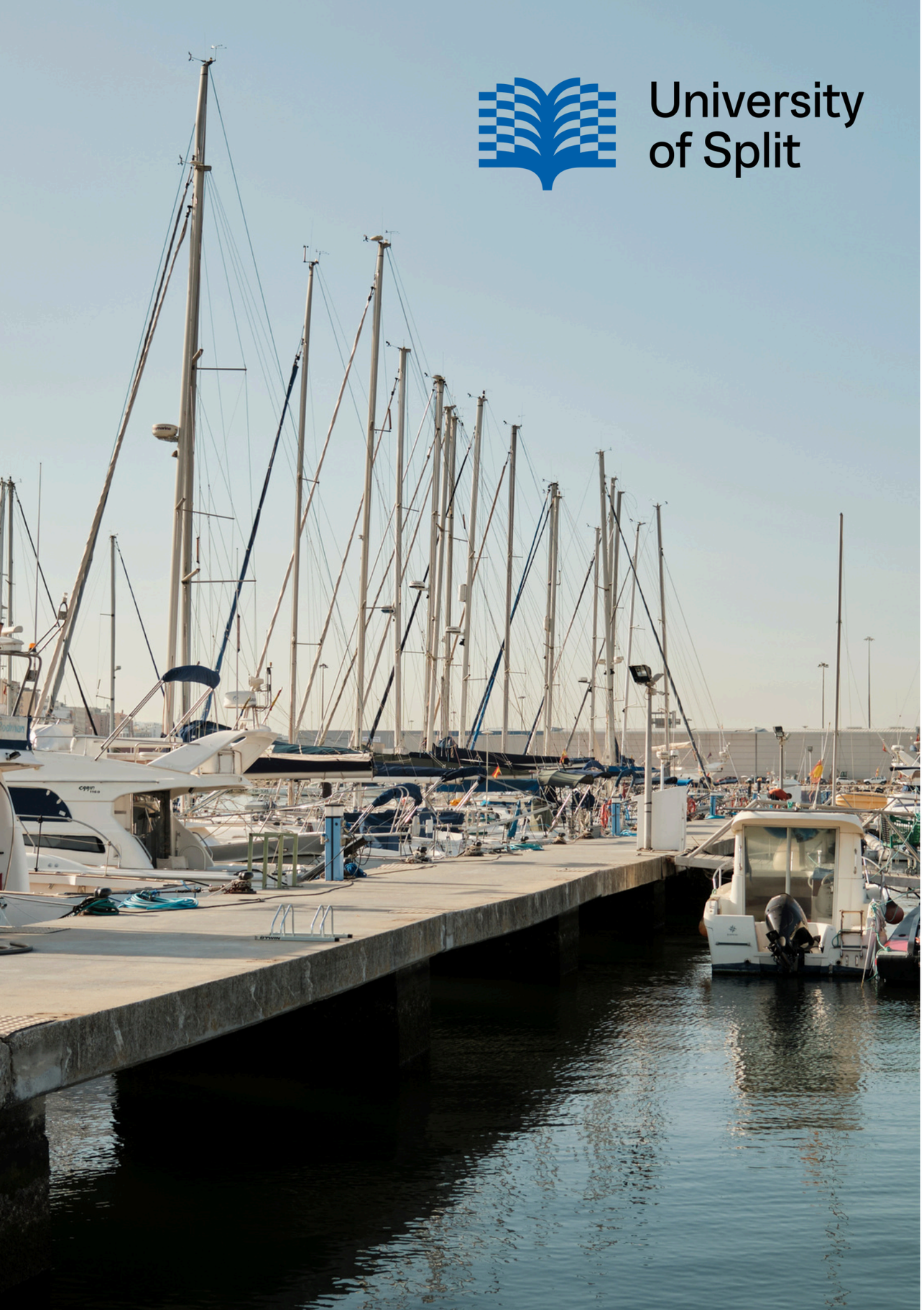
Y3. Pathway 2. *Conservation and Sustainable Use of Marine Resources* (UG)

SBE321-P2. Protection of the Marine Environment	5 ECTS
SBE322-P2. Ecological Assessment of Aquatic Environments	5 ECTS
SBE323-P2. Sustainable Fisheries Management	5 ECTS
SBE324-P2. Introduction to Marine Biotechnology	5 ECTS
SBE325-P2. Leadership & Communication	5 ECTS
SBE326-P2. Fish Biology	5 ECTS
SBE327-P2. Integrated Aquaculture	5 ECTS
SBE328-P2. Specialised Workshop at Sea & in the Coastal Zone	5 ECTS
SBE329-P2. Mining & Renewable Energy	5 ECTS
SBE401-P2. ***Option 1. Research oriented***	
Research bachelor project	15 ECTS
SBE402-P2. ***Option 2. Professionally oriented***	
Internship	10 ECTS
+	
Bachelor project	5 ECTS

Y3. Pathway 3. *Human Impact in the Arctic* (NORD)

SBE331-P3. Human Health & Physical Activity related to the Sea; Blue sports	5 ECTS
SBE332-P3. Sustainable Coastal Tourism	5 ECTS
SBE333-P3. Introduction to Marine Biotechnology	5 ECTS
SBE334-P3. Sustainable Fisheries Management	5 ECTS
SBE335-P3. Integrated Aquaculture	5 ECTS
SBE336-P3. Marine Ecosystem Restoration	5 ECTS
SBE337-P3. Geopolitics in the Arctic	5 ECTS
SBE338-P3. Arctic leadership	5 ECTS
SBE339-P3. Human Impact in the Arctic	5 ECTS
SBE401-P3. ***Option 1. Research oriented*** Research bachelor project	15 ECTS
SBE402-P3. ***Option 2. Professionally oriented*** Internship	10 ECTS
+	
Bachelor project	5 ECTS





Y3. Pathway 4. *Sustainable Port-Tourism Cities* (UNIST)

SBE341-P4. Sustainable Shipping & Ports	5 ECTS
SBE342-P4. Sustainable Coastal Tourism	5 ECTS
SBE343-P4. Urban Economics	5 ECTS
SBE344-P4. Migrations & Coastal Populations	5 ECTS
SBE345-P4. Introduction to Marine Biotechnology	5 ECTS
SBE346-P4. Human Health & Physical Activity related to the Sea; Blue Sports	5 ECTS
SBE347-P4. Socio-economic & Environmental Monitoring	5 ECTS
SBE348-P4. Environmental Marketing & Social Awareness	5 ECTS
SBE349-P4. Coastal Resource Strategic Management	5 ECTS

SBE401-P4. ***Option 1. Research oriented***

Research bachelor project — 15 ECTS

SBE402-P4. ***Option 2. Professionally oriented***

Internship — 10 ECTS

+

Bachelor project — 5 ECTS

Y3. Pathway 5. *Blue Management: Accounting, Conservation and Restoration* (UCA)

SBE351-P5. Policy, Legal & Regulatory Framework for Blue Management	5 ECTS
SBE352-P5. Data Sources & Processing Tools for Blue Management	5 ECTS
SBE353-P5. Socio-ecological Monitoring	5 ECTS
SBE354-P5. Marine Ecosystem Accounting	5 ECTS
SBE355-P5. Marine Ecosystem Conservation	5 ECTS
SBE356-P5. Marine Ecosystem Restoration	5 ECTS
SBE357-P5. Social Dimension in the Blue Management	5 ECTS
SBE358-P5. Project Management	5 ECTS
SBE359-P5. Innovation & Strategic Development in Blue Management	5 ECTS

SBE401-P5. ***Option 1. Research oriented***	
Research bachelor project	15 ECTS

SBE402-P5. ***Option 2. Professionally oriented***	
Internship	10 ECTS
+	
Bachelor project	5 ECTS

Y3. Pathway 6. *Blue Industries: Tourism and Seafood* (UAlg/UCA)

SBE361-P6. Sustainable Blue Industries: Tourism & Seafood	5 ECTS
SBE362-P6. Social Dimension of Blue Industries	5 ECTS
SBE363-P6. Policy & Regulatory Framework in Blue Industries	5 ECTS
SBE364-P6. Strategy Management	5 ECTS
SBE365-P6. Life Cycle in Blue Industries	5 ECTS
SBE366-P6. Integrated Aquaculture & Sustainable Fisheries	5 ECTS
SBE367-P6. Marketing & Product Development in Blue Tourism	5 ECTS
SBE368-P6. Seafood Processing & Product Development	5 ECTS
SBE369-P6. Blue Industries Project Management	5 ECTS

SBE401-P6. ***Option 1. Research oriented***

Research bachelor project — 15 ECTS

SBE402-P6. ***Option 2. Professionally oriented***

Internship — 10 ECTS

+

Bachelor project — 5 ECTS

Bachelor Project

Choosing the Pathway

The Expertise pathways in the third year offer two different options for the final project:

Option 1: Research oriented (Research bachelor project = 15 ECTS)
Option 2: Professionally oriented (Internship = 10 ECTS + Bachelor project = 5 ECTS)

Option 1: Research-Oriented Bachelor Project

Research Bachelor Project = 15 ECTS

Project Requirements: The project must be an original piece of work (minimum 5,000 words) undertaken by the student. Accepted project types include: Literature Review/Conceptual Project and Critical Assessment of the Existing Literature on a Given Topic. The compulsory sections are:

1. Abstract (200 words)
2. Keywords (5)
3. Body (with specific diagram for scientific projects):

In the case of experimental works, the body will be structured as follows:

a. Introduction
b. Literature Review/Background Theory
c. Objectives
d. Methodology
e. Results and Discussion
f. Conclusion

4. Reference List

Compulsory Co-Supervision:
At least two supervisors from different universities, with one supervisor being a professor from the student's chosen pathway university.
Once students have completed their bachelor project and received approval from their supervisor, they must submit their project and apply for the oral defence.

Oral defence: F2F and hybrid mode, located at the pathway university where the student is studying Y3. The Academic Steering Committee will determine the duration of the oral defence: presentation and questions & answers session.

Project Assessment Board:
Comprising three academics from at least two universities.

Option 2: Professionally-Oriented

Internship = 10 ECTS
+
Bachelor project = 5 ECTS

Internship Details:
Students may undertake internships in public/private sectors, NGOs, or universities. A pool of potential providers, showing their interest via a commitment letter, is established for each institution. Internship selection by students is based on academic record and requires approval from the pathway coordinator.

Supervision: No co-supervision is required. The project will be supervised by an academic from the pathway university, preferably the same academic who supervised the internship. An external mentor from the industry may optionally act as a co-supervisor.

Project Requirements: The project must be an original piece of work (minimum: 2,000 words and maximum: 5,000 words) undertaken by the student. It should be focused yet practical, addressing a specific aspect of an industry challenge or task. The compulsory sections are:

1. Abstract (200 words)
2. Keywords (5)
3. Body (with the following suggested structure):
   a. Introduction
   b. Literature Review/Background Theory
   c. Objectives
   d. Methodology
   e. Industrial Application
   f. Results and Discussion
   g. Conclusion
4. Reference List

Clarifications. Bachelor project delivery and oral defence must be completed before the end of July. An extension may be granted upon approval by the Project Assessment Board.