

# Faculty of Maritime Sciences (location: Leer)

ENGLISH lectures & projects  
Academic Year 2025/26

| <b>MARITIME SCIENCES</b><br>(required language level B2) BACHELOR LEVEL  | Study course                                   | Lecturer                       | CP / ECTS | Term (Semester) |
|--|--|--------------------------------|-----------|-----------------|
| LECTURE: Basics of Nautical Science: Part 1 (Professional Practice), Part 2 (Maritime Project), Part 3 (Public Shipping Law) | Nautical Science and Maritime Transport (NSMT) | Ms Beelmann/Mr Vahs/Ms Woltron | 10        | spring          |
| LECTURE: Mathematics 1 (Linear Algebra)  | Nautical Science and Maritime Transport (NSMT) | Mr Bentin                      | 5         | spring          |
| LECTURE: Physics   | Nautical Science and Maritime Transport (NSMT) | Mr. Meyer                      | 5         | spring          |
| LECTURE: Navigation 1 (Classical Navigation)   | Nautical Science and Maritime Transport (NSMT) | Ms Knoop                       | 5         | spring          |
| LECTURE: Meteorology   | Nautical Science and Maritime Transport (NSMT) | Mr Göken                       | 5         | spring          |
| LECTURE: Ship Theory   | Nautical Science and Maritime Transport (NSMT) | Mr. Plawenn - Salwini          | 5         | spring          |
| LECTURE: System Monitoring   | Nautical Science and Maritime Transport (NSMT) | Mr Meyer                       | 5         | spring          |
| LECTURE: Computer Science  | Nautical Science and Maritime Transport (NSMT) | Mr. Ostrowitzki                | 5         | spring          |
| LECTURE: Business Administration   | Nautical Science and Maritime Transport (NSMT) | Mr Heilmann                    | 5         | spring          |
| LECTURE: Mathematics 2 (Analysis)  | Nautical Science and Maritime Transport (NSMT) | Mr Bentin                      | 5         | spring          |
| LECTURE: Navigation 2 (I) Techn. Navigation 1 + Radar Technology*  | Nautical Science and Maritime Transport (NSMT) | Ms Knoop/Mr. Plawenn-Salwini   | 5         | fall            |
| LECTURE: Watchkeeping*   | Nautical Science and Maritime Transport (NSMT) | Mr. Tomaschek                  | 5         | fall            |
| LECTURE: Human Resource Management   | Nautical Science and Maritime Transport (NSMT) | Ms Beelmann                    | 5         | fall            |
| LECTURE: Maritime English  | Nautical Science and Maritime Transport (NSMT) | Ms. Walden                     | 5         | fall            |
| LECTURE: Medical Care  | Nautical Science and Maritime Transport (NSMT) | Ms Winther                     | 5         | fall            |
| LECTURE: Navigation 2 (II) Astro Navigation + Techn. Nav. 2 + ECDIS*   | Nautical Science and Maritime Transport (NSMT) | Ms Knoop/Mr. Plawenn-Salwini   | 10        | spring          |
| LECTURE: Astronomical Navigation*  | Nautical Science and Maritime Transport (NSMT) | Mr. Plawenn - Salwini          | 5         | spring          |
| LECTURE: Dangerous Goods*  | Nautical Science and Maritime Transport (NSMT) | Mr. Kreutzer                   | 5         | spring          |

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|--|--|-----------------------|---|--------|
| LECTURE: <b>Cargo Operations/Loading Technology*</b>                 | Nautical Science and Maritime Transport (NSMT) | Mr. Plawenn - Salwini | 5 | spring |
| LECTURE: <b>Energy Efficient Maritime Handling</b>                   | Nautical Science and Maritime Transport (NSMT) | Mr. Vahs              | 5 | spring |
| LECTURE: <b>GMDSS*</b>   | Nautical Science and Maritime Transport (NSMT) | Ms Woltron            | 6 | fall   |
| LECTURE: <b>Manoeuvring *</b>  | Nautical Science and Maritime Transport (NSMT) | Mr. Vahs              | 5 | fall   |
| LECTURE: <b>Emergency Management *</b>                               | Nautical Science and Maritime Transport (NSMT) | Ms Woltron            | 7 | fall   |
| LECTURE: <b>Cargo Care *</b>   | Nautical Science and Maritime Transport (NSMT) | Mr. Kreutzer          | 5 | fall   |
| *Prerequisite: 6 months on board training prior to exchange semester |  |                       |   |        |

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|--|---|--------------|-----------|-----------------|
| LECTURE: Ship Steel Design and Strength Calculations                           | Martime Technology and Shipping Management (MTSM) | Mr. Bentin   | 5         | spring term     |
| LECTURE: Ship Design   | Martime Technology and Shipping Management (MTSM) | Mr. bentin   | 5         | spring term     |
| LECTURE: Business Communication  | Martime Technology and Shipping Management (MTSM) | Ms Walden    | 5         | fall term       |
| LECTURE: Ocean and Hydraulic Engineering                                       | Martime Technology and Shipping Management (MTSM) | Mr. Strybny  | 5         | fall term       |
| LECTURE: Applied Finite Elements   | Martime Technology and Shipping Management (MTSM) | Mr. Bentin   | 5         | fall term       |
| LECTURE: Applied Ship Hydrodynamics  | Martime Technology and Shipping Management (MTSM) | Mr. Bentin   | 5         | fall term       |
| LECTURE: Strategic Shipping Company Management                                 | Martime Technology and Shipping Management (MTSM) | Mr. Heilmann | 5         | fall term       |