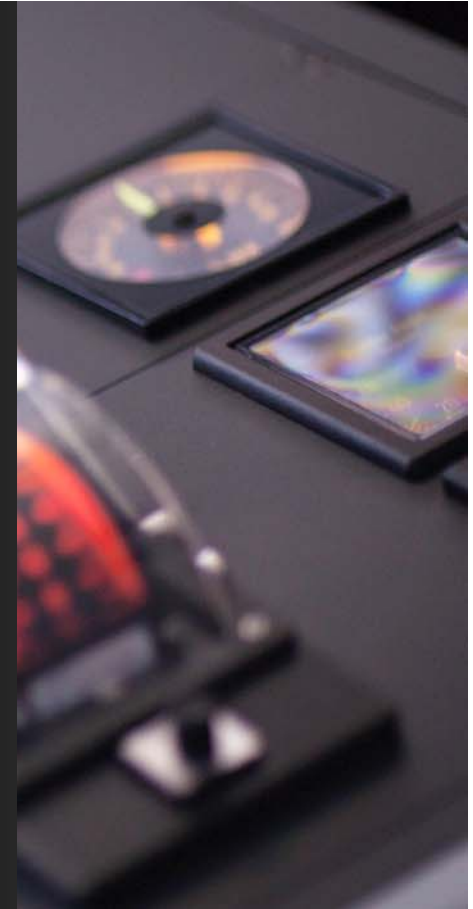


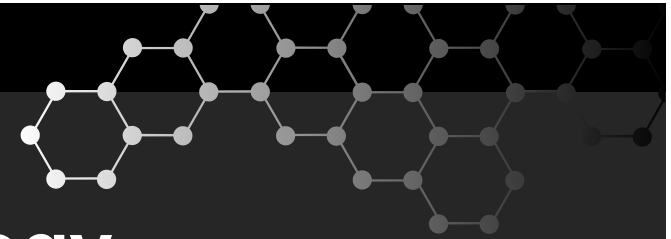


CHALMERS
UNIVERSITY OF TECHNOLOGY



DEPARTMENT OF SHIPPING AND MARINE TECHNOLOGY





Shipping and Marine Technology

– developing a sustainable maritime sector

We are a leading actor in maritime research and education.
We conduct internationally competitive research in the maritime sector and have a research associated maritime academy who educates and strives to utilize our work for an international maritime market.

Number of employees: 100 persons, including a faculty of 36 persons.

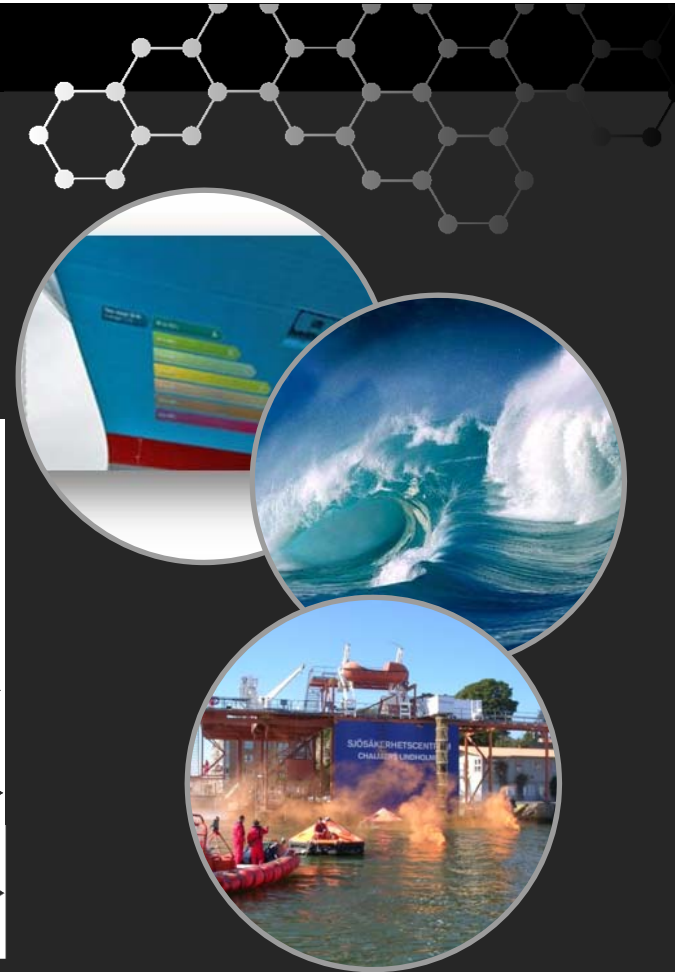
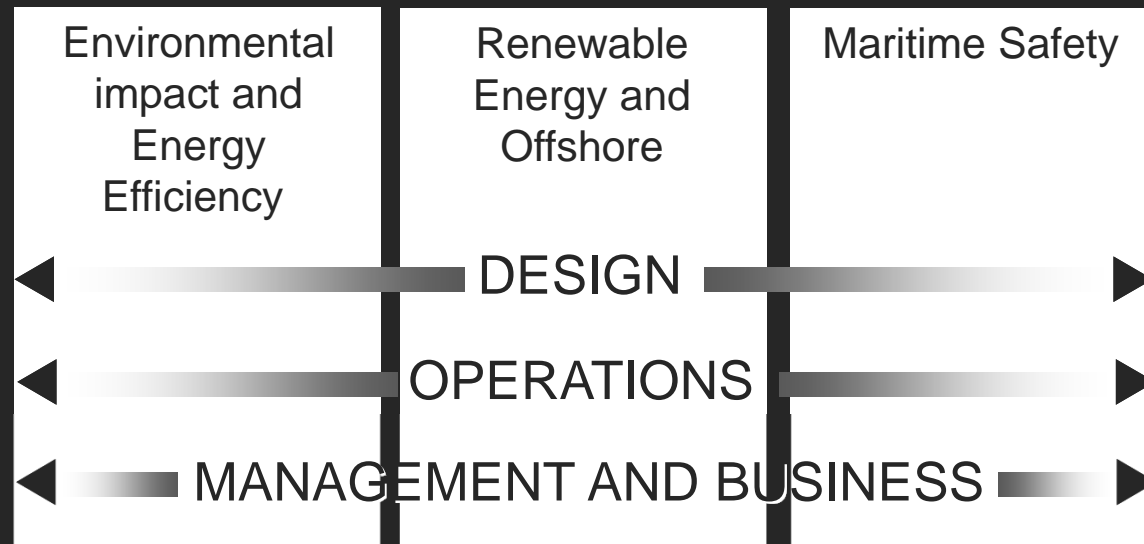
22 PhD students whereof 5 are industrial PhD students.

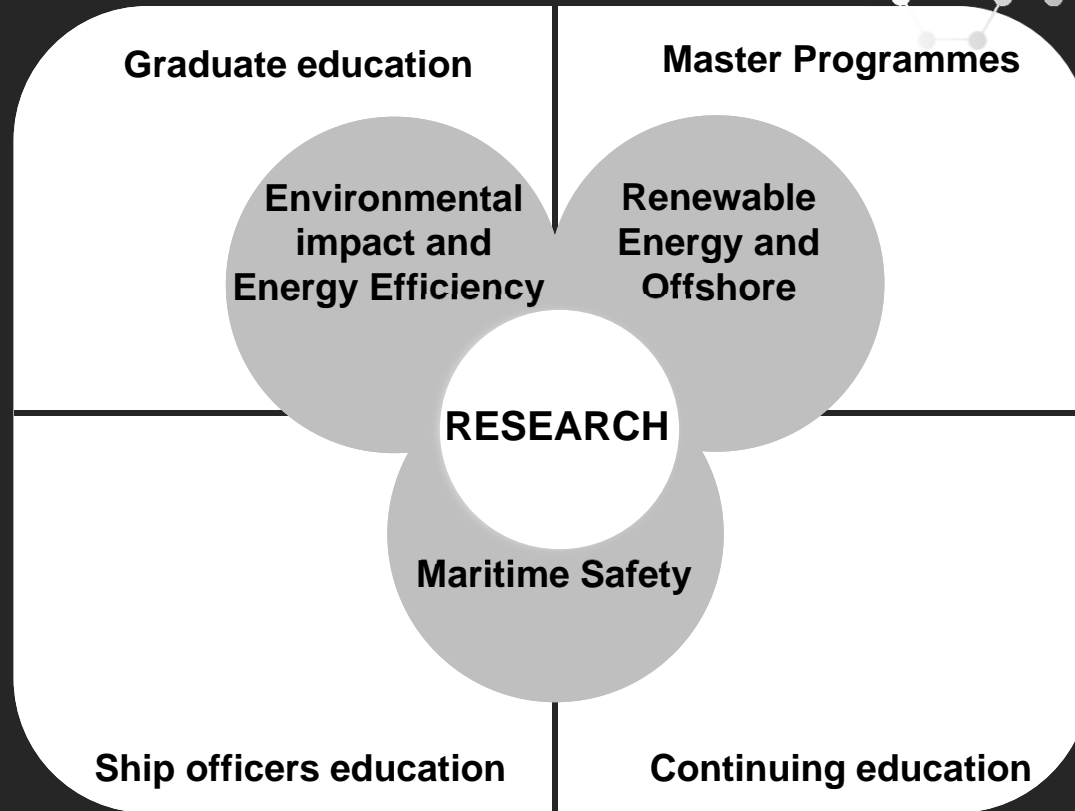
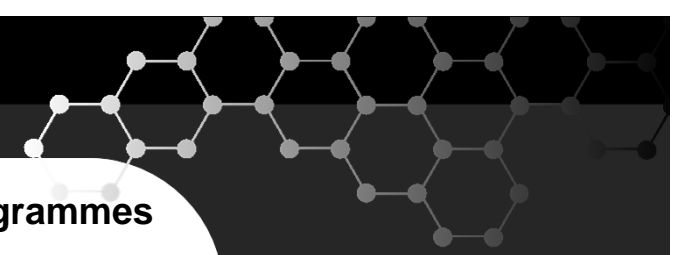
700 students in our courses.

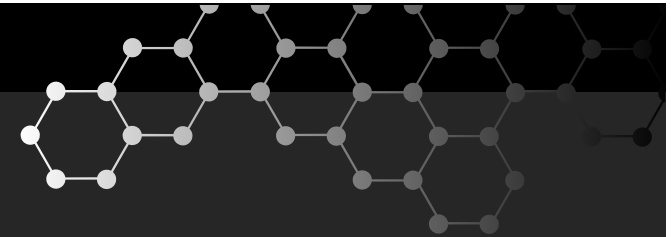
100 continuing education courses annually.

Turnover (2015): 130 MSEK.

RESEARCH PROFILE AREAS







RESEARCH

Research funding

- ⊕ Centres of Excellence: Lighthouse, Rolls Royce UTC.
- ⊕ Vinnova, Swedish Energy Agency, Swedish Shipowners' Association, Swedish Maritime Administration, Swedish Mercantile Maritime Foundation, Region Västra Götaland (VGR) Maritime Cluster.
- ⊕ EU: EfficienSea 2, CaFE, SHEBA, LeanSHIPS, SpaceNAV, MIDWEST, MONALISA 2.0 and Sea Traffic Management Validation (STM).

EDUCATION

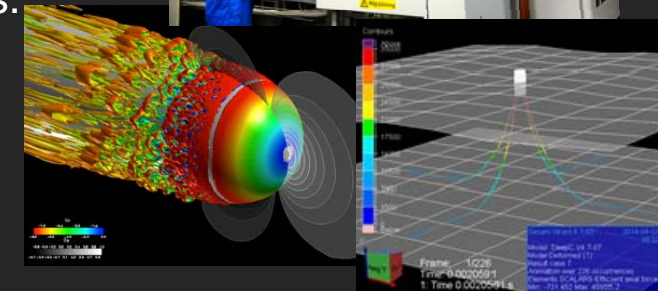
Undergraduate (Bachelor's level)

- ⊗ Shipping and Logistics (Sjöfart och logistik), 3 years.
- ⊗ Master Mariner (Sjökaptén), 3 years + 1 year onboard training.
- ⊗ Marine Engineer (Sjöingenjör), 3 years + 1 year onboard training.

- ⊗ Officer Class VII Deck for Coastal Waters, 2/3 years.
- ⊗ Officer Class VII Engine for Coastal Waters, 2/3 years.

Graduate (Master's programmes)

- ⊗ Naval Architecture and Ocean Engineering, 2 years.
- ⊗ Maritime Engineering, 2 years.
- ⊗ Maritime Management, 2 years.



INFRASTRUCTURE

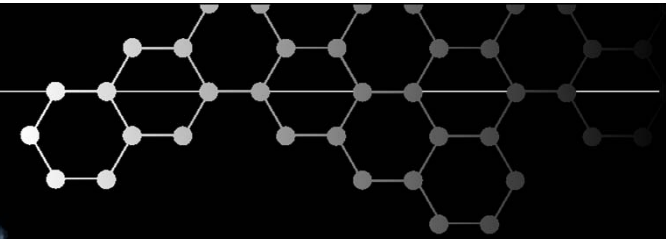
Chalmers' Simulator Center:

- ⊗ Innovative ship simulator center
- ⊗ Approved as a Chalmers Research Infrastructure
- ⊗ Cooperation with Swedish Maritime Administration
- ⊗ Chalmers manages the European Maritime Simulator Network (EMSN)

Chalmers' Safety Center:

- ⊗ Important for training in education and continuing education
- ⊗ Planning of a new Safety Center in cooperation with Swedish Sea Rescue Society (SSRS) and Öckerö Maritime Center (ÖMC), located at Öckerö





”AVANCEZ”

William Chalmers 1748 – 1811





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