Project Open: MINT
Empowerment for women in STEM
Networking for your future at the University of Applied Sciences Bremerhaven

ERASMUS STAFF WEEK 2019

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MINT = Mathematik, Informatik, Naturwissenschaft, Technik

STEM = Science, Technology, Engineering, Math

23 programs of studies in STEM fields in Bremerhaven
## Why Open:MINT?

<table>
<thead>
<tr>
<th>Program of Study for Bachelor Degree</th>
<th>Percentage Women in WS 17/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ship Operation Engineering SBT</td>
<td>3.6</td>
</tr>
<tr>
<td>Industrial Plant Engineering ABF</td>
<td>4.8</td>
</tr>
<tr>
<td>Business Informatics WINF</td>
<td>11.0</td>
</tr>
<tr>
<td>Computer Science INF</td>
<td>12.5</td>
</tr>
<tr>
<td>Energy Management in Buildings GET</td>
<td>13.0</td>
</tr>
<tr>
<td>Production Technology PT</td>
<td>13.4</td>
</tr>
<tr>
<td>Process Engineering and Energy Technology PEET</td>
<td>14.3</td>
</tr>
<tr>
<td>Transportation/Logistics TWL</td>
<td>22.5</td>
</tr>
<tr>
<td>Maritime Technology MAR</td>
<td>28.3</td>
</tr>
<tr>
<td>Sustainable Energy and Environmental Technology NEU</td>
<td>37.8</td>
</tr>
<tr>
<td>Biotechnology of Marine Resources BMR</td>
<td>47.4</td>
</tr>
<tr>
<td>Medical Technology</td>
<td>52.9</td>
</tr>
<tr>
<td>Food Technology/Food Buisiness LTW</td>
<td>61.6</td>
</tr>
<tr>
<td>Biotechnology</td>
<td>67.9</td>
</tr>
</tbody>
</table>

Hochschule Bremerhaven, Datenheft 2017
Open:MINT is...

- a joint research project between the University of Applied Sciences Wismar and Bremerhaven.
- for young women to test their interests and capabilities in MINT at the university.
- a network between female students, graduates and seniors in research and industry.
- funded by the Federal Ministry of Education and Research from 11/18-10/21
How do we work?
How do we work?

- first cycle from 8th till 12th of July
- addresses women between school classes 10 and 13 (*secondary school female pupil* )

- official program
  - practical courses and laboratory tutorials
  - meet ups
  - networking activities
  - visits of local companies

- social program
  - volleyball, barbecue, live your dream movie, flat share-evening, sketchnotes, etc.

- number of participants: 20 per year
How do we work?

- starts in WS 2019/20
- period of one year
- addresses female student as of the 4th semester and higher
  - program
    - individual mentor-mentee-matching
    - kick-off workshop
    - professional coaching
    - peer-mentoring
    - networking activities
- number of participants: 20 per year
How do we work?

- November 2019
- link between Campus: MINT, Karriere: MINT, female researchers and companies
- After work/evening event
  - get together with female role models
  - meet up of possible mentees and mentors
  - networking activities for pupils, students, graduates and seniors
  - and more...
- number of participants: 50 per year
Evaluation and establishment

- of short term effects on
  - local networks (school – university – industry)
  - career choices of women
  - gatekeeper (Jobcenter, schools, etc.)

- of results between geographical regions
  - supporting structures (extracurricular activities)
  - regional effects of structurally lagging areas

- of instruments for a long term application
  - network support
  - gender monitoring
Methods

- addressed to all levels of participants
  - standardize questionnaires
  - guided interviews
- analysis of existing data sets
  - DeStatis
  - intern academically controlling
  - Statistisches Landesamt Bremen
  - Agentur für Arbeit
  - ...
- literature research and comparison with similar programs
Methods

➢ forms of publication
  ▪ www.open-mint.de
Methods

➤ forms of publication

- www.open-mint.de
- www.komm-mach-mint.de
- scientific media
- print media
- (local) film companies
- final report (project executing organisation)
- etc.
Methods

➢ forms of marketing
  ▪ personal contact, poster, flyer, postcards, internet, social media, etc.
How to find us

- building M room 3030

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https://www.hs-bremerhaven.de/hochschule/standort/lageplan-und-anreise/
Thank you for your attention!

Feel free to ask questions!