

## 5<sup>th</sup> International German - Swedish - Finish European Scientific Diving (ESD) Training Course 2019

### Course description

In 2019, the **Biological Station Helgoland** (Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research (Germany) and the **Sven Lovén Centre for Marine Sciences** (University of Gothenburg - Sweden) in cooperation with **Leibniz Centre for Tropical Marine Research** (ZMT) and **Alleco Finland** offer the **4<sup>th</sup> international course “European Scientific Diver<sup>1</sup>”** within the framework of the ESD regulations published by the [European Scientific Diving Panel \(ESDP\)](#) as member of the [MARS network](#).

The course will be held in two parts from April 1<sup>st</sup> –April 12<sup>th</sup> in Helgoland (Germany) and from April 22<sup>nd</sup> – May 10<sup>th</sup> in Kristineberg, Fiskebäckskil (Sweden).

To join the course, a competence test comprising a theoretical and practical examination on the level of CMAS\*\* or PADI Rescue-diver must be passed. Respective tests will be offered in Sweden (Kristineberg), Finland (Helsinki) and Germany (Bremerhaven/Bremen). An e-learning seminar on scientific diving will be held in the intersession period. The course includes an intense training in professional diving skills for scientific purposes in theory and praxis and ends with a theoretical and practical examination by the “German Examination Board for Scientific Divers” (Deutsche Prüfungskommission für Forschungstaucher) and by Dykarskolan, Stockholm. Successful participants will be certified according to the respective national rules for scientific diving and as “European Scientific Diver” according to the [ESDP framework](#).

### Entry requirements for course participation

1. Being a master or PhD student or a postdoctoral fellow or early career scientist in an aquatic science discipline.
2. Providing an abstract about your research and how scientific diving is planned to be included within your research.
3. Diving CV (Certification level, diving hours, prior experiences)
4. Holding a valid recreational dive certificate on at least the level of PADI Rescue Diver, CMAS\*\*/VDST T2 (Silver) or equivalent.
5. Passing a competence test on level CMAS\*\* / PADI Rescue-diver in theory and practice.

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<sup>1</sup> The qualifications “**Certified research diver / European Scientific Diver**” are mandatory for German and Swedish scientists or students for all scientific diving activities including Bachelor, Master and PhD thesis.

6. Having a dive record of at least 1800 min (30 h) open water dive time with at least 700 min deeper than 15m and 40 min deeper than 25m.
7. Have documented experience of diving using a dry suit (15+ logged dives).
8. Have documented proof of CPR training<sup>2</sup> within the last year and a documented certification of “life guard” level 2 or pool life-guard training.
9. Valid health examination for work diving according to the respective countries health and work environment legislations<sup>4</sup>.
10. Full diving equipment incl. dry suit except for tanks and weight belts. In case parts of the equipment are not available, please contact either the Swedish or the German course coordinator. In Sweden most of the diving equipment will be provided by the Loven Centre – Kristineberg.

### **Application:**

Applications including written proof of the entry requirements (1) and (4) (see above) should be sent as early as possible (but not later than January 31<sup>st</sup> 2019) to [esd2019@scientific-diving.eu](mailto:esd2019@scientific-diving.eu).

Written proof of the entry requirements 4) to 9) **must** be provided at the beginning of the course.

### **Course fees:**

The course fee is 1200 Euro. The course fee includes bench fees, boat use at Helgoland and the fees for the Swedish and the German examination. In Sweden a grant from the Swedish Royal Academy of Sciences is providing the accommodation, food, bench fees, scientific diving facility use, boat use and diving equipment rental. Travel costs, accommodation and provision are not included in the course fee. However, applications for a possible cost transfer for students (accommodation, provision and/or travel) are submitted and may be granted to participants upon approval by possible Swedish and/or German governmental and institutional sponsors.

### **Further information on scientific diving in Germany, Sweden and Europe:**

- [www.forschungstauchen-deutschland.de](http://www.forschungstauchen-deutschland.de)
- <https://www.awi.de/en/science/special-groups/scientific-diving.html>
- [www.loven.gu.se](http://www.loven.gu.se) -> Work and study at the Lovén Centre / Scuba diving and snorkelling
- [www.scientific-diving.eu](http://www.scientific-diving.eu)



<sup>2</sup> Because there are no „European“ certificates for CPR, „Life-guard level 2“ and „Professional diver health examination“, the respective national certificates are accepted if they are equivalent to the Swedish or German certificates. In case of questions if a national certificate is accepted as equivalent please contact [maria.asplund@bioenv.gu.se](mailto:maria.asplund@bioenv.gu.se) or [philipp.fischer@awi.de](mailto:philipp.fischer@awi.de).