

TRAINING PROGRAMME SPECIALIZATION IN DESALINATION	
Subjects treated	<p>The objective of this training activity, offered within the framework of the “Experimental and Integral Program of Research and Economic Activities linked to the exploitation of Insular Marine Resources”, is to offer the technical training that new desalination specialists require, as well as to improve the capabilities of professionals in the sector, updating and deepening the latest advances in this water industry.</p> <p>With a total of 8 modules (independents), the program consists of theoretical-practical contents related to the seawater desalination process, together with emerging technologies to reduce the environmental impact and improve the energy efficiency of the process.</p>
Estimated time of dedication	Each module lasts between 25 and 100 hours (see below). To complete the program (8 months) lasts between 9 and 12 months.
Duration	Between 3 weeks and 2 months according to module.
Type of training	The modules are taught online with live streaming sessions.
Addressed to	Desalination professionals, research staff and PhD and Master’s Degree students.
Programme	<p>The modules that form part of this training programme are:</p> <ol style="list-style-type: none"> 1. Pre-treatments on desalination processes (35 h) 2. Energy efficiency in desalination and optimised hydraulic design of reverse osmosis racks (50 h) 3. Intelligent control and automation of water desalination processes (25 h) 4. Desalination with renewable energy sources (40 h) 5. Emerging desalination technologies (25 h) 6. Design of reverse osmosis water desalination systems, software and data standardization (25 h) 7. Post-treatment and quality of desalinated water according to its final use (25 h) 8. Environmental impact of desalination technologies, brine discharges and technologies to minimize it (100 h)
Responsible entity	Sociedad de Promoción Económica de Gran Canaria (SPEGC).
Available languages	Spanish.
Editions	<p>1st edition: 2020-2021. 2nd edition: 2021-2022. 3rd edition: pending (2024).</p>
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