

JOB OF THE WEEK

What is it?

Naval Architect – they design and construct marine vessels and structures, including ships, oil rigs and submarines. Naval architects may also lead projects to decommission, repair or convert existing marine vessels and structures. They may work in civil or military organisations or in a self-employed capacity.

Day to day tasks

- coordinate the work of engineering design teams
- make sure that designs are safe, seaworthy and cost-effective
- prepare design plans using computer software
- check and test specifications using computer simulations and 3D models
- make sure that designs meet operational requirements
- coordinate manufacturing or repair work

Qualifications

4/5 GCSEs – grades 9 – 4 including Science and Maths

Salary

Starting salary for Naval Architects typically start at **£25,000 rising to £65,000 for an experienced Naval Architect.**

Jobs and labour market

Employment of Naval Architects is projected to grow by 4% by 2031 – this means there will be plenty of jobs opportunities in the future.

Routes into the industry

Most Naval Architects have a degree or post graduate qualification recognised by the Royal Institution of Naval Architects. This will usually be an Engineering subject like: Naval Architect, Ship Science, Ocean Offshore or marine engineering. Further details here: [Naval architect | Explore careers | National Careers Service](#)