

Naval Architect

What is it?

Naval architects design, construct, refit and repair marine vessels and offshore structures. This will include merchant ships, submarines and offshore drilling platforms.

Qualifications/Experience Required:

You will require at least 5 GCSEs, grade 5 and above including Maths, English and Physics followed by A Levels in Maths and Physics. You could also gain work-based qualifications such as a BTEC, HND or HNC as a technician which you can then transfer to an engineering degree.

What the Work Involves:

As a naval architect you will be responsible for the design, construction and repair of marine vessels. You will ensure that the structure you are working on is safe and seaworthy, within budget and to the design specifications. Your work will depend on the specialism you choose, but you could repair architectural designs, work with a computer or 3D models.

Future Prospects – Labour Market Information:

As a naval architect you can become self-employed, work for a company or as a design consultant. In the UK there are limited openings for naval architects regarding new ships.

Business, media and public service professionals (SOC2) *Standard Occupational Classification*

UK growth: +17% from 2020 to 2025, creating 436,252 jobs.

North East growth: +15.6% from 2020 to 2025, creating 9,837 jobs

Type of person who may be suited to this job:

You will need to have good written and verbal communication skills. You will need to be very organised and efficient in your work as well as being able to meet a deadline and lead a team. Strong IT and numeracy skills will also be required.

Money/Wage Guide:

Earnings as a graduate can range from £25,000 to £30,000. With experience increasing to £35,000 to £60,000.

You could earn in excess of £65,000 if you are highly experienced.

Related Opportunities:

- Aerospace Engineer
- Marine Engineer
- Merchant Navy Engineer

Further Information:

Royal Institution of Naval Architects:

www.rina.org.uk

WISE:

www.wisecampaign.org.uk