

The European Space Agency

Launching careers in space

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EUROPE'S GATEWAY TO SPACE

WHAT

22 Member States, 2,400 permanent staff

WHY

Exploration and use of space for exclusively peaceful purposes

WHERE

HQ in Paris, 7 sites across Europe and a spaceport in French Guiana

HOW MUCH

€6.68 billion = €12 per European per year



WHAT DOES ESA DO?



ALL OF THIS IS POSSIBLE THANKS TO THE COLLABORATION OF MEMBER STATES

ESA is active across every area of the space sector

World leader in science and technology

Over 80 satellites developed, tested, and operated since 1975

More than 220 launches from Europe's Spaceport in Kourou

ESA HQ

Located in Paris, home to the main programme directorates that steer and formulate ESA policy.

ESRIN

ESA's centre for Earth observation activities, near Rome, Italy, also develops information systems and hosts the Vega launcher project.

ESTEC

The European Space Research and Technology Centre, Noordwijk, the Netherlands, is the largest site and the technical heart of ESA.

ESOC

The European Space Operations Centre, Darmstadt, Germany, tracks and controls European spacecraft.

EAC

The European Astronaut Centre, Cologne, Germany, trains astronauts for missions to the International Space Station and beyond.

ESAC

The European Space Astronomy Centre, near Madrid, Spain, hosts the science operation centres and archives for ESA's astronomy and planetary missions.

Harwell (ECSAT)

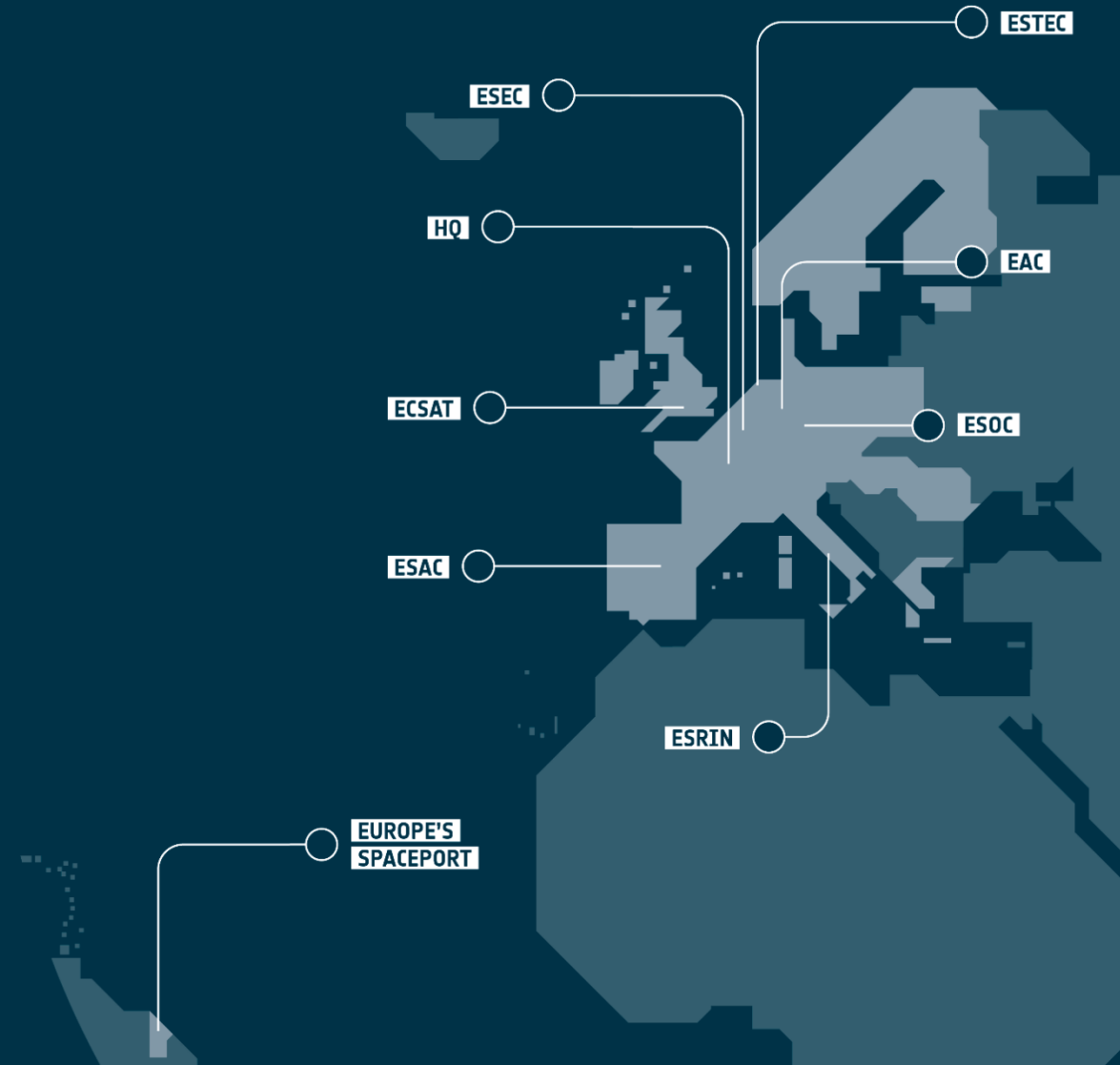
Harwell Centre, in Oxfordshire, UK, is focusing on commercialisation and partnerships in space activities

Redu (ESEC)

The European Space Security and Education Centre in Belgium is part of ESA's ground station network and has specialised on operating small satellites and security relevant, sensitive operations.

Guiana Space Centre

ESA's launchers lift off from Europe's Spaceport in Kourou, French Guiana. It is jointly operated by the French space agency (CNES) and Arianespace with the support of European industry.



ENTRY-LEVEL AND RESEARCH PROGRAMMES



STUDENT INTERNSHIPS PROGRAMME

YOUNG GRADUATE TRAINEE PROGRAMME



NATIONAL TRAINEE PROGRAMMES

RESEARCH FELLOWSHIP PROGRAMME (post-docs)



ESA CO-FUNDED RESEARCH (for PhDs and post-docs)

JUNIOR PROFESSIONAL PROGRAMME



STUDENT INTERNSHIP



DURATION

- 3 – 6 months placement

WHO CAN APPLY?

- Students in their **last** years of a Master's degree
- You must be a citizen of one of the ESA Member States, Associate Members, European Cooperating States or Canada as a Cooperating State.
- Grant for students from Swiss universities

WHEN DO THEY OPEN?

- November

HOW TO APPLY?

- jobs.esa.int



YOUNG GRADUATE TRAINEE OPPORTUNITIES



**DREAM
DARE
DO!**



#ESArecruits

DURATION

- One-year contract (subject to conditions, a second-year extension may be granted)

WHO CAN APPLY?

- You must be a student in the final year of a Master's or have just graduated
- You must be a citizen of one of the ESA Member States, Associate Members, European Cooperating States or Canada as a Cooperating State.

WHEN DO THEY OPEN?

- February

HOW TO APPLY?

- jobs.esa.int



DURATION

- Initial duration of one year, with possible extension to another year.

WHO CAN APPLY?

National Trainee Programmes are set up through bilateral agreements between ESA and national agencies.

- You are a citizen of one of the following participating countries currently:

- Belgium
- Estonia
- Luxembourg
- Lithuania
- Malta
- Poland

WHEN DO THEY OPEN?

- Varies between participating countries annually

HOW TO APPLY?

- Application through national agency.
- Learn more here bit.ly/ESANationalTrainee

RESEARCH FELLOWSHIP (RF) PROGRAMME



DURATION

- 2 year contract, with the possibility of a third year

WHO CAN APPLY?

- Recently attained doctorate (PhD) in a relevant field
- You must be a citizen of one of the ESA Member States, Associate Members, European Cooperating States or Canada as a Cooperating State.

WHEN DO THEY OPEN?

- Research Fellowship opportunities are published throughout the year.

HOW TO APPLY?

- jobs.esa.int

JUNIOR PROFESSIONAL PROGRAMME



DURATION

- A three-year ESA contract with the perspective of a permanent ESA position at the end of the programme.

WHO CAN APPLY?

- You must be graduate of a Master's-level degree programme.
- You must have two to three years of relevant professional experience after Master's
- You must be a citizen of one of the ESA Member States, Associate Members, or Canada as a Cooperating State.

WHEN DO THEY OPEN?

- The next publication of JPP vacancies is currently foreseen for November 2024

HOW TO APPLY?

- jobs.esa.int





WHAT IS OFFERED?

- ESA co-funding up to 50% and up to €90K research at PhD or post-doc level;
- access to ESA laboratories;
- technical support by ESA experts;
- networking through ESA links to identify industrial partners for further cooperation or to build "innovative networks"

WHO CAN APPLY?

- PhD or post-docs

WHEN DO THEY OPEN?

- Open all year long

HOW TO APPLY?

- ideas.esa.int



WHAT DOES ESA ACADEMY OFFER?

- **ESA Academy's Hands-on Space Projects** are a portfolio of recurring programme opportunities ranging from small satellites to scientific and technology experiments.
- **ESA Academy's Training and Learning Programme** offers a varied portfolio of training sessions that typically last 1 or 2 weeks.
- All courses and activities are fully sponsored.

WHO CAN APPLY?

- You must be studying for a Bachelor's, Master's or PhD degree.
- You are a citizen of one of the ESA Member States, Associate Member States, European Cooperating States or Canada

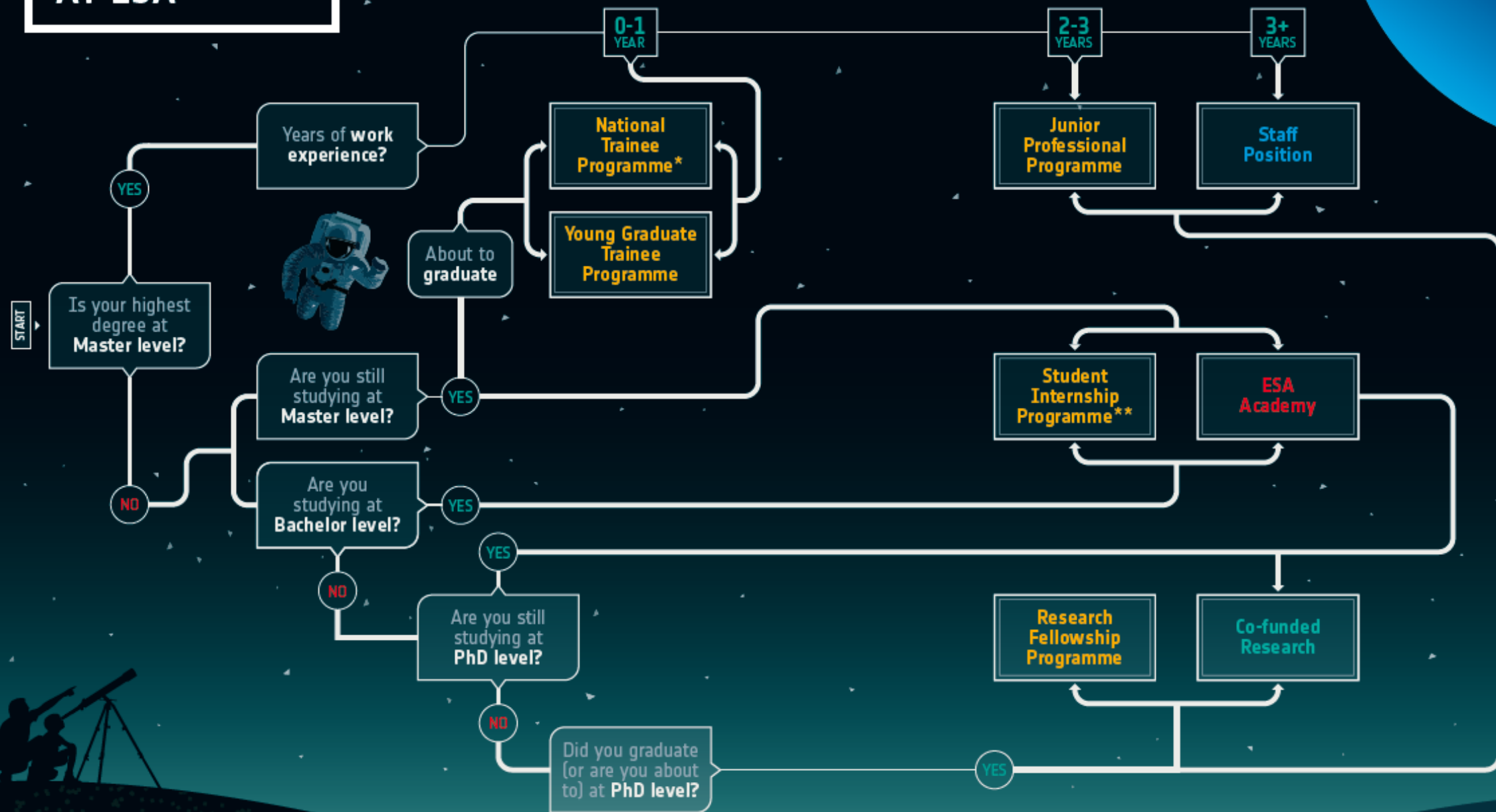
WHEN DO THEY OPEN?

- Opportunities open throughout the year.

HOW TO APPLY?

- esa.int/Education/ESA_Academy

YOUR PATH TO SPACE BEGINS AT ESA



Mechanical engineering

(optical, propulsion, thermal, mechanisms, structures, materials, robotics)

Electrical engineering

(RF, power & data systems, antennas, microelectronics, EMC, components)

System engineering

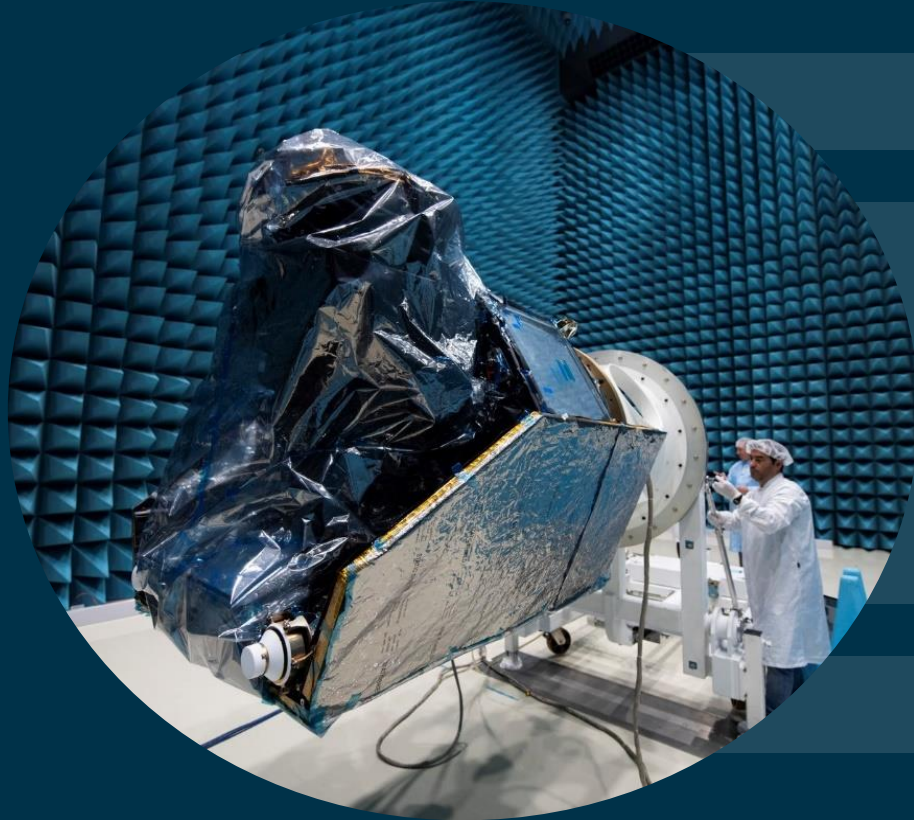
Telecom & integrated applications

Software engineering & IT

Ground segment systems & operations

Product/quality assurance & safety





Applied mathematics

Earth observation & environmental science
(geophysics, meteorology, climatology)

Planetary & space science
(astronomy, astrophysics, solar physics)

Life & material sciences

Law

(contracts, procurement, international public law)

Finance

(project control, cost analysis, auditing)

Communications & public relations

Human resources

Facility management

Commercialisation & business analysis

Strategy, industrial policy, economics



WHAT ARE WE LOOKING FOR?

Masters or PhD level

Passion - Enthusiasm

Relevant experience

Team spirit



Professional curiosity
& expertise

Language skills/
multicultural attitude

A diverse pool of talent

Inspiring projects and activities

Extensive learning and development opportunities

Multicultural environment



Competitive and attractive salary conditions

Active social, sports and cultural programmes

Visit
'Careers at ESA'
on www.esa.int for more info
or
jobs.esa.int to apply

