The European Space Agency

Launching careers in space

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Entry-level Programmes Coordinator
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WE ARE ESA

EUROPE’S GATEWAY TO SPACE

<table>
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<tr>
<th>WHAT</th>
<th>22 Member States, 2,400 permanent staff</th>
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<tr>
<td>WHY</td>
<td>Exploration and use of space for exclusively peaceful purposes</td>
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<td>WHERE</td>
<td>HQ in Paris, 7 sites across Europe and a spaceport in French Guiana</td>
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<td>HOW MUCH</td>
<td>€6.68 billion = €12 per European per year</td>
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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 ESTABLISHMENTS

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.
ESA ACADEMY (RUN BY ESA EDUCATION)

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.

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 or Canada, Latvia, Lithuania or Slovenia.

WHEN DO THEY OPEN?

➢ Opportunities open throughout the year.

HOW TO APPLY?

➢ esa.int/Education/ESA_Academy
ENTRY-LEVEL AND RESEARCH PROGRAMMES

STUDENT INTERNSHIPS PROGRAMME

NATIONAL TRAINEE PROGRAMMES

YOUNG GRADUATE TRAINEE PROGRAMME

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.

WHEN DO THEY OPEN?
➢ November

HOW TO APPLY?
➢ jobs.esa.int
YOUNG GRADUATE TRAINEE

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
NATIONAL TRAINEE PROGRAMME

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
  • Hungary
  • Luxembourg
  • Portugal

WHEN DO THEY OPEN?
➢ Varies between participating countries annually

HOW TO APPLY?
➢ Application through national agency.
➢ Learn more here bit.ly/ESANationalTrainee
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<th>JUNIOR PROFESSIONAL PROGRAMME</th>
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<td><strong>DURATION</strong></td>
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<td>➢ A three-year ESA contract with the perspective of a permanent ESA position at the end of the programme.</td>
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<td><strong>WHO CAN APPLY?</strong></td>
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<tr>
<td>➢ You must be graduate of a Master’s-level degree programme.</td>
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<td>➢ You must have two to three years of relevant professional experience after Master’s</td>
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<td>➢ You must be a citizen of one of the ESA Member States, Associate Members, or Canada as a Cooperating State.</td>
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<td><strong>WHEN DO THEY OPEN?</strong></td>
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<tr>
<td>➢ The next publication of JPP vacancies is currently foreseen for November 2024</td>
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<td><strong>HOW TO APPLY?</strong></td>
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<td>➢ jobs.esa.int</td>
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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
ESA CO-FUNDED RESEARCH

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
**ENGINEERING DISCIPLINES**

**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**
SCIENTIFIC DISCIPLINES

Applied mathematics

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

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

Life & material sciences
BUSINESS AND ADMINISTRATION

Law  
(contracts, procurement, international public law)

Finance  
(project control, cost analysis, auditing)

Communications & public relations

Human resources

Facility management
WHAT ARE WE LOOKING FOR?

- Masters or PhD level
- Passion for space
- Relevant experience
- Team spirit
- Professional curiosity & expertise
- Language skills/multicultural attitude
- A diverse pool of talent
DIVERSITY & INCLUSIVENESS

Equal opportunity employer actively committed to achieving diversity within the workforce

Inclusive working environment

Attracting and developing a diverse workforce

Gender equity

Nationality representation

Entry-level programmes

Family-friendly environment
WHAT WE OFFER

Inspiring projects and activities

Extensive learning and development opportunities

Multicultural environment

Competitive and attractive salary conditions

Active social, sports and cultural programmes
A FEW KEY WORDS
USEFUL LINKS

ENTRY-LEVEL PROGRAMMES & PERMANENT POSITIONS
- Find your path: https://www.esa.int/About_Us/Careers_at_ESA/Find_your_path_with_ESA#JPP

ABOUT ESA
- This is ESA: https://www.esa.int/About_Us/ESA_Publications/This_is_ESA

CAREER FAQ
- https://www.esa.int/About_Us/Careers_at_ESA/FrequentlyAskedQuestions2

MORE INFORMATION
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