The master’s specialisation Astronomy and Education prepares you for a career as a teacher in secondary schools. After completion you obtained
the qualifications to be a Physics teacher. Note that this specialisation is only open to students who speak Dutch.

What does this master’s programme entail?

Astronomy and Education optimally prepares you to teach the subject of physics to secondary school students, based on a solid background of high quality research in astronomy. The programme comprises a one-year Astronomy component, followed by an education component in the second year. This master’s specialisation uniquely enables you to make a relevant impact on society by educating today’s secondary school pupils for tomorrow’s challenges in the field of (astro)physics.

Discover why our students choose the Astronomy master's programme

This video can not be shown because you did not accept cookies.

You can leave our website to view this video.
Accept

Reasons to choose Astronomy and Education at Leiden University

- The specialisation provides you with a full year of research training in Astronomy followed by a year of theory and practical experience in teaching offered by the Leiden University Graduate School of Teaching.
- You have access to world-class and cutting edge research in modern astronomy at Leiden Observatory.
- During the education component, you receive one-on-one guidance, but you will also meet with colleagues from different disciplines, each with their own knowledge and experience, providing you with a broad view on education.

Find more reasons to choose Astronomy and Education at Leiden University.

Astronomy and Education: the right master’s programme for you?

Do you want to fascinate our younger generations for the field of physics and astronomy? Are you aiming for a career as a modern and flexible teacher? Then, the Astronomy and Education master’s specialisation is the right choice for you. After completion, you will have obtained your teacher qualification, which is required for employment as a physics teacher in Dutch secondary schools. You can also participate in the World Teachers Programme for international teaching. As the main education component is taught in Dutch, all applicants must provide proof of proficiency in Dutch language.
Read more about the entry requirements for Astronomy and Education.

**Why Leiden University?**

By effectively integrating word-class scientific research in astronomy and excellent teacher education, you will become a professional astronomer with an internationally recognized MSc degree and teaching qualification.

**Education at a world class research institute**

Leiden Observatory has a strong international reputation and is widely known to turn out masters and doctoral students of the highest quality. Students are trained by world-renowned astronomers including Spinoza prize winners Prof. Ewine van Dishoeck, Prof. Marijn Franx and Prof. Xander Tielens, European Research Council (ERC) grant holders Prof. Ignas Snellen and Prof. Huub Röttgering and NWO-Vici grant holders Prof. Joop Schaye and Prof. Henk Hoekstra. Therefore, you can expect research at the cutting edge of modern astronomy as an integral part of the Astronomy master’s programme.

**Leiden University Graduate School of Teaching (ICLON)**

ICLON connects theory and practice of teaching through the application of academic knowledge to issues of classroom practice. Also, issues of practice form the starting point for research in, and development of, secondary education. ICLON has close collaboration with secondary schools within the area where your practical experience is gained. You receive one-on-one guidance but you will also meet with colleagues from different disciplines, each with their own knowledge and experience. This provides you with a broad view on education.

**Faculty of Science**

The Faculty of Science is a first-class research faculty with an excellent position in the basic disciplines of science. The current research and education programmes span the entire spectrum of science ranging from Mathematics and Statistical Science, Computer Science and Data Science, Astrophysics, Physics, Chemistry and Bio-Pharmaceutical Sciences to Biology and Environmental Sciences. Our science community is driven by their curiosity
and desire to increase basic knowledge, for science and to contribute to the great societal challenges of today and tomorrow. Core values are scientific impact, technological innovation and relevance to society.

**Study at a world-class university**

Leiden University is the oldest university in the Netherlands and enjoys an excellent worldwide reputation built up over more than four centuries. Since 1575 we’ve provided sound personal education for hundreds of thousands of students from all over the world. We’ll do our utmost to give you the best possible support. And if you can and want to do more, we’ll challenge you every step of the way. For many years, we’ve been among the leaders in Dutch university rankings and we are currently to be found in a variety of top international rankings too.

More reasons to choose Leiden University

---

**About the programme**

The Astronomy and Education specialisation consists of 120 European Credit Transfer System (EC) points and includes a one-year astronomy component and a teacher’s education component in the second year.

**Programme overview**

At the start of the master’s programme, you are required to draw up the Master Study Plan: a complete list of planned courses and projects for two subsequent academic years in consultation with the Study Advisor Astronomy. The curriculum of this master’s specialisation consists of an Astronomy component to be followed in the first year, and an Education component in the second year, offered by the Leiden Graduate School of Teaching. On top of the Education component, you can also participate in the World Teachers Programme.

**Astronomy component (60 EC)**

- Astronomy core courses (> 12 EC)
- Other astronomy courses (6-12 EC)
- Non-astronomy courses (6-12 EC)
- Master’s Research Project in astronomy (30 EC)
Education component (60 EC, in Dutch)

- Education courses (30 EC, in Dutch)
- Teaching and practice (30 EC, in Dutch)

World Teaching Programme (60 EC, in Dutch and English)

- Education courses (30 EC, partly in Dutch)
- International teaching and practice (30 EC, in English)

If you already have successfully completed the minor Education in your BSc programme, you only need 30 EC of the specific education modules. The remaining 30 EC is then added to the electives of the Astronomy programme.

The education component can only be started in August/September or January/February after completion of the Astronomy modules of the programme.

Read more about the programme outline and courses

Educational methods

- Colloquium
- Lectures
- Individual papers
- Lab work
- Presentations
- Research
- Projects
- Seminars
- Work group
- Internship
- School practice

Student support

The favorable student–staff ratio guarantees a high degree of interaction with and personal attention from the (senior) staff. The Astronomy study advisor is available for individual and confidential study support. In addition, Astronomy master’s students get their own desk and computer during their master research project. Therefore, close collaboration with
supervisors and group members is guaranteed. Moreover, the Astronomy master’s programme provides an informal atmosphere and a welcoming research community, in which social activities flourish.

Programme structure

The Astronomy and Education specialisation enables you to connect your scientific experience in astronomy with the theory and practice of teaching in the classroom.

Programme outline

The entire MSc programme in combination with the Education specialisation consists of two components:

- Astronomy component (60 EC)
- Education (60 EC)

The astronomy component contains a Master’s Research Project in one of the research groups of the Leiden Observatory, concluded by a Master's Thesis and an oral presentation, as well as a selection of Astronomy and non-Astronomy courses. The Education component of the specialisation is offered by the Leiden Graduate School of Education (ICLON) and includes courses on didactics and adolescent psychology and an educational research project and school practice. In addition, you can also participate in the World Teachers Programme to prepare for bilingual and international teaching.

For an up-to-date course overview, please visit the Prospectus.

Extra-curricular

Are you interested in taking up an extra challenge during your master’s programme? Have you thought about applying for the World Teachers Programme or are you interested in developing your personal leadership style?
**Plus programme World Teachers Programme**

The World Teachers Programme is a specialised track of the master at ICLON Leiden Graduate School of Teaching, geared towards bilingual and international education. As a WTP teacher, you will:

- Complete extra assignments
- Attend tailored workshops on content and language integrated learning (CLIL) and other features of this particular educational context
- Follow most of the master's programme in English
- Spend 3-4 weeks at a school in another country during the International Internship
- Need to master concepts and skills that allow you to help your pupils to learn both the content and the language of your subject.

The WTP only starts in August and candidates will be invited for a WTP intake interview.

**Leiden Leadership Programme**

Do you like a personal challenge in leadership? Then join the Leiden Leadership Programme. In this one-year programme, you work on developing your personal leadership skills through an assessment, training, seminars and a practice assignment in an organisation. You discover and develop your qualities in the context of an organisation. The goal is to learn how to work intensively with other professionals and learn how to use their qualities. With the Leiden Leadership Programme, a Dutch-based honours programme, you will be able to follow 20 EC next to your Leiden, The Hague or Delft master's programme. Read more about Leiden Leadership Programme

**International Leiden Leadership Programme**

Curious about your personal leadership style? The International Leiden Leadership Programme is a 5 EC honours programme for master’s students looking to understand leadership, train and develop their leadership skills and acquire an insight into their personal strengths and weaknesses. Thanks to its small-scale approach and supportive tutor-mentor system, you’ll be working on your development on a very personal level. During this interdisciplinary programme you will attend seminars and skills-training sessions, which will give you more insight into the effect that your behaviour has on others. The programme involves the creation of a Personal Leadership Roadmap, a five-year plan for reaching and developing your own leadership style.

For more information: International Leiden Leadership Programme
**Summer School**

The Leiden/ESA Astrophysics Programme for Summer Students (LEAPS) is an opportunity for students with an interest in astronomy and astrophysics to perform a 10 - 12 week summer research project in collaboration with a research scientist from Leiden Observatory or ESA. If you are interested in the Astronomy master’s programme, taking this summer course is a good opportunity to get acquainted with the educational and research opportunities within the institute. Read more

**Career prospects**

After graduation you have a lot of opportunities: academics are highly sought after in Dutch secondary education or mbo teaching. You can also aim for a management position or work as a researcher within the field of Astronomy.

**Acquired skills and competence**

With a Leiden degree in Astronomy you have become a strong communicator and collaborator and can operate in an international setting with ease. You have acquired extensive astronomical research experience and highly advanced analytical and problem solving skills.

**Career**

Most graduates holding a MSc degree in Astronomy from Leiden University find work in many different capacities, including:

- Research: universities, observatories, research institutes
- Industry and consultancy: ICT, R&D, telecom, high technology, aerospace
- Finance: banking, insurance, pension funds
- Public sector: governments, policy makers, high schools
- Science communication: journalism, popular writing, museums

Typical jobs for Astronomy graduates include:

- Scientific researcher (postdoc, research fellow, professor)
- R&D engineer
• Consultant
• Data scientist, statistician
• Policy advisor, public information officer (e.g. Ministry of Foreign Affairs)
• High school physics teacher
• Scientific editor for magazines, newspapers and other media

Research at Leiden Observatory

If you want to get more deeply involved in research after graduating in Astronomy, consider pursuing a PhD at Leiden Observatory. If you have completed the Leiden master’s degree programme in Astronomy, you are directly eligible for admission to our PhD programme. Read more.

Career preparation

Leiden University offers you several services related to career orientation and job application skills.

Preparation for the job market is integrated in the Astronomy master’s programme. You will learn what skills and competences are needed for finding a future job that fits you. We guide you in getting to know yourself and help you to develop your personal and professional skills. You can also participate in astronomy-specific career events to find out what job sector appeals to you the most. In addition, our Study Advisor is always available to help you in shaping your study and career path.

Astronomy Career Information Meetings

Learn how to get a PhD at an astronomical research institute, find out what it takes to get hired by a company as an engineer or a consultant and ask questions to PhD students, CEO’s, lecturers and job coaches. These meetings are organized twice a year by the Education Office Astronomy.

Science Career Service

Are you looking for career advice? Get in touch with our science career advisor. The Science Career Service supports students of the Science Faculty in their career orientation
and making effective career decisions during their study. We offer services such as consultation hours, individual appointments with the career counselor and advice on your CV or motivation letter.

**Science Career Event**

Whether you are actively looking forward to meet interesting employers, or even if you have no idea what you career will look like yet, the Science Career Event gives you a chance to speak with a large number of employers. Every year the Science Career Event is organized by students of the Faculty of Science. During this event you can get your resume checked, participate in a workshop or speed date with a potential employer to discuss possibilities in the near future. The Science Career Event is the ideal day to orient yourself on career possibilities.

**The Mentor Network**

If you have questions about the job market, you can get in touch with Leiden alumni who are happy to offer their advice. On the Mentor Network platform you can view the profiles of around 650 alumni. Once you have found someone you would like to contact for advice, you can send him or her a request for assistance.

**Master's application and admission**

Find out how to apply for Astronomy and Education at Leiden University by following our step-by-step guide.

This specialisation is part of the MSc Astronomy. If you would like to apply for this programme please first select the MSc Astronomy (CROHO code: 60200) in Studielink and then select your specialisation.

**Step-by step guide**

This guide clearly explains the steps you need to take to apply, and the subsequent admission process.

- Step 1: Check the admission requirements.
• Step 2: Check the application deadlines.
• Step 3: Collect the required documents.
• Step 4: Start your application.
• Step 5: Pay your tuition fees
• Step 6: Prepare for your studies at Leiden University

Admission requirements

To be eligible for Astronomy and Education at Leiden University, you must meet the following admission requirements.

Diploma requirements

Either:

• A BSc degree in Astronomy or its equivalent in Physics and Astronomy from one of the universities participating in the NOVA Netherlands Research School for Astronomy. Applicants holding such a degree will be admitted without further requirements.

Or:

• An equivalent degree to the BSc degree *, to be decided by the Board of Admissions.

* Candidates holding a bachelor’s degree in related sciences, such as Mathematics, Computer Science or Aerospace Engineering, may be considered. The previous training of all applicants will be assessed by the Board of Admissions, which may propose an Astronomy pre-master’s programme as an additional requirement for admission. The admission process may also include an interview with the Board of Admissions.

Either:

• A BSc degree in Physics that includes modules in Astronomy.
Or:

- An equivalent degree to the BSc degree*, to be decided by the Board of Admissions.

* Candidates holding a BSc degree in other sciences, such as Mathematics, Chemistry, Computer Science or Aerospace Engineering, may be considered. The previous training of all applicants will be assessed by the Board of Admissions. In case of notable deficiencies in the student’s record, the Board of Admissions may propose a premaster’s programme as precondition for admission. The admission process may also include an interview with the Board of Admissions.

Dutch applicants with a higher vocational education (hbo) degree in a related field of science can be considered as well. For more information, please contact the Astronomy Study Advisor.

**Language requirements**

Proof of sufficient proficiency in English, evidenced by appropriate language test:

- IELTS: minimum 6.5, with a minimum of 6.0 for each of the components Listening, Reading, Writing and Speaking
- TOEFL: internet based 90
- Cambridge Certificate of Advanced English (CAE), minimum grade C

For detailed information about which English qualifications are accepted, as well as the relevant exemption criteria, refer to [English language proficiency](#).

Please note: You do not have to submit proof of proficiency if you have completed your education in Canada (except French-taught programmes in Canada), USA, UK, Ireland, New Zealand or Australia, or when you hold an International Baccalaureate, or for Dutch students, if you have completed VWO level English or an English taught bachelor at a Dutch Research University.
The education component of this master's programme is taught in Dutch. All applicants that have not achieved a Secondary Education qualification in the Netherlands, have to demonstrate their Dutch communication skills. The level of Dutch is assessed through an advanced Dutch language exam. For more information about the exam: Admission Exam TUL Advanced. For the speaking (fluency) part of the exam, at least a 7.5 must be achieved.

Mind: after completion of the Education specialisation you obtain a qualifications to be a teacher in the Netherlands.

>> Go to the next step: Check the application deadlines

Application deadlines

If you need a visa or residence permit, you must apply for admission before 1 April.
If you do not need a visa or residence permit, you must apply for admission before 15 June.

If you need a visa or residence permit, you must apply for admission before 15 October.
If you do not need a visa or residence permit, you must apply for admission before 1 December.

Apply early!

If you don’t have a Dutch diploma that grants direct admission, you’ll have to complete a two-part application procedure:

• First register your application(s) in the national system Studielink.
• A day later you will receive log-in details for Leiden University’s application system (uSis), where you can complete your application.
You must submit your application via Leiden University’s application system (uSis), before the deadlines mentioned above. So don’t delay; if you haven’t registered in Studielink and activated your uSis account in time to apply by the deadline, you’ll miss out!

**Other deadlines**

If you want to request accommodation via Leiden university Housing Office, apply early! Accommodation is allocated on a first-come first-served basis and there is limited availability, which means the Housing Office cannot guarantee accommodation. Submit both your application for admission and your housing request well before the deadlines. You don’t have to wait for a decision on your application before submitting your housing request. Read more about when to arrange housing.

If you want to apply for a scholarship, grant or loan, please bear in mind that different deadlines apply, and these deadlines can often be earlier. Deadlines vary per scholarship. Visit the [scholarship website](#) for more details.

>> Go to the next step: Collect the required documents

**Required documents**

When you apply for admission, you’ll be asked to submit several documents.

Please note that the Astronomy programme requires an additional letter of recommendation.

**Required application documents**

Please upload a copy of the passport page(s) with your personal details and photograph. If you come from the EU/EER, you may also send a copy of your identity card.

If you are already staying in the Netherlands with a Dutch residence permit for study or for another purpose, please upload a copy of both sides of your Dutch residence permit.
Your CV must be written in English. Other than this, no standardised format or template is required. Your CV should clearly outline your educational and professional history up until the present date, as well as basic personal facts. Please provide the average mark (Grade Point Average) in your bachelor, calculated until March 15, 2018 (for start in September) or September 15, 2018 (for start in February 2019).

A personal statement must be submitted explaining why you want to follow the programme, why you have chosen to do so at Leiden University, and what makes you think you are a good candidate. The statement should be between 700 and 1,500 words.

- Digital copies are required initially. Once you have been admitted, we will tell you how to submit certified copies to the Admissions Office.
- Documents must be in the original language and accompanied by official translations if they are not in English or Dutch. If you have not yet completed your study programme, state your expected graduation date and submit copies of all transcripts obtained to date.
- If you are applying for an LLM Advanced Studies programme: all documents must be available in English (or translated into English).

You can apply to a programme before you obtain the results of your language exam (if you already have your results you can upload them directly in our online portal). If you are admitted, it will be on the condition that these results will meet the required levels specified.

Always check first if your programme requires you to send in letters of recommendation. If you need to submit more than one letter, at least one letter must be from an academic staff member.

- The letter must be printed on letterhead paper, signed and bearing the full contact details of the referee (for verification purposes).
- Your referee should describe your skills, qualities and competencies.

**Recommendation letters - submission information**

Letters of recommendation can be scanned and uploaded as part of your online application. Alternatively, your referee can send them directly to us, making sure your name and student number are clearly indicated.
• By post:
  Leiden University Admissions Office
  “Gravensteen” Pieterskerkhof 6
  2311 SR Leiden
  The Netherlands

• Digitally via our contact form

Additionally please complete the attached format and upload this in your application.

**Additional requirements for the Astronomy programme**

For your application to the Astronomy master’s programme, you should provide two letters of recommendation. At least one letter must be from an academic staff member.

>> Go to the next step: Step 4: Start your application

**Application procedure**

The application procedure is broken down into three parts.

**Part 1. Application in Studielink**

All students applying for a degree programme at Leiden University must start the application process in Studielink, the national online registration system for students wishing to follow a degree programme at a Dutch university. Studielink is open for applications from 1 October in the year preceding the academic year in which you wish to start.

1. Go to Studielink and enter your details according to the instructions provided.
2. Within two days you will receive:
   • an email with information on the next steps you'll need to take;
   • your university ULCN student account details (unless, of course, you already have a ULCN account)
   • the link to Leiden University’s online application portal (uSis)
After receiving your ULCN student account details, log into Leiden University’s online application portal (uSis), using the link provided. Here you can view the status of your application, which will be one of two possibilities.

1. **You can be directly admitted**
   If your (Dutch) diploma grants you direct admission, Leiden University's online application portal (uSis) will let you know. The portal provides an overview of what you have to do to complete your application, for example arranging housing, scholarships, applying for a visa/residence permit and insurances. Please follow the instructions carefully and proceed to step 3 Student registration.

2. **You cannot be directly admitted: additional action is required**
   If you do not have a (Dutch) diploma that grants you direct admission, we will require additional documents to allow us to decide about your application. The online application portal (uSis) will tell you this and explain how to do so. See also Part 2: Admission to Leiden University.

**Part 2. Admission to Leiden University**

If you cannot be directly admitted, you must apply for admission via Leiden University’s online application portal (uSis). Please follow all steps below.

In our online application portal (uSis) you can finalise your application by uploading the necessary documents and answering a few questions. This portal provides an overview of what you need to do to complete your admission application. Please follow the instructions carefully and make sure to include all the items that are asked for. We strongly recommend that you complete your application well in advance of the application deadline.

All applicants with an international degree must pay a **non-refundable** €100 application fee, which entitles you to apply for up to three programmes/specialisations in the same academic year. We cannot start processing your application until we receive this application fee, so please pay it as soon as possible. The online application system explains how you can pay it.

**Can I be exempted from paying the application fee?**
You do **not** have to pay the application fee if:
• You are following, or have completed, a bachelor’s degree at a Dutch university (of
  applied sciences).
• You have previously registered as an exchange, bachelor’s, master’s or pre-master’s
  student at Leiden University.
• You have previously been admitted to the same degree programme at Leiden
  University, but you decided to postpone your studies. This does not apply if you are
  applying for a different study programme or specialisation.
• You have refugee status in the Netherlands (with a residence permit for asylum).
• You are an Indonesian student applying for an MSc programme and have been given
  a “review letter” by the Leiden Science Indonesia Office (LESIO).

Exemptions cannot be granted for any other reasons.

After you have submitted your application, the online application portal (uSis) will, if
applicable, ask you if you want to apply for student housing, a visa/residence permit or a
scholarship. Be sure to make a careful note of the relevant deadlines for these options.

After receiving your application fee payment (if applicable), the Admissions Office will
check whether all the necessary documents have been uploaded and they will inform you by
email whether any further items are required. The Board of Admissions of the faculty will
then:

• decide whether you meet the admission requirements for the programme;
• strive to issue a decision on your completed application within four to six weeks of
  the University receiving it.

Once a decision has been reached you will be informed by email. You can view your
admission status in the online application portal (uSis).

There are three possible outcomes:

1. **You are admitted**
   You have met all conditions for admission.
2. **You are conditionally admitted**

   You will be admitted, provided that you meet certain conditions. These conditions will be specified in the online application portal (uSis).

3. **You are not admitted**

   The reason(s) for non-admission will be clearly stated in the online application portal (uSis). If you are informed that you have been (conditionally) admitted, you will have to take a number of additional steps.

   The Admissions Office will ask you if you want to accept the offer of (conditional) admission. Please respond via the online application portal (uSis), by going to ‘Application study programme(s)’ then accessing the ‘Confirm’ screen, where you will have three options:

   1. Accept
   2. Accept, but defer to a later start date
   3. Decline

**Part 3: Student registration**

If you’ve been (conditionally) admitted, follow these steps to register as a student at Leiden University:

Check in the online application portal (uSis) whether you need to submit any documents to meet the conditions of your admission. Instructions on how to do so will be provided in uSis.

Arrange the payment of your tuition fee before the official start date of your programme. You will receive instructions and information on the available payment methods by email.

If you are an international student, go to the Prepare your stay page of our website for information about the practical matters you should take care of before and upon arrival. These include, for example, arranging housing, scholarships, applying for a visa/residence permit and insurances.

>> Go to the next step. Step 5: Pay your tuition fees
Pre-master’s

Are you interested in the master’s programme Astronomy and do you have minor deficiencies in your previous education which keep you from meeting the entry requirements? Then the Astronomy pre-master’s programme might be an option for you.

The Astronomy pre-master’s programme is designed especially for applicants holding a university or HBO degree (applied sciences) in a related field of science with proven experience in the field of astronomy, who lack specific knowledge or experience required for successful participation in the Astronomy master’s programme. These deficiencies usually include astronomy, math and/or physics courses, which can be included in a tailored Astronomy pre-master’s programme.

The pre-master’s a programme can only be imposed by the Board of Admissions, and is therefore not a programme for which students can apply themselves. Upon successful completion of the Astronomy pre-master’s programme within the deadline imposed by the Board of Admissions, students will be admitted to the Astronomy master’s programme.

For more information on courses, application procedures and costs, see the e-Prospectus

Tuition fees

Your tuition fee depends on a number of factors, such as your nationality and your previous Dutch higher-education qualifications.

The tuition fees for the academic year 2019-2020 are:

- Dutch, EU/EEA, Swiss and Surinamese students: €2,083 per year
- Non-EU/EEA students €18,300 per year
- Second Dutch master’s programme: €16,500 per year

More information about tuition fees
The tuition fee for this programme is €2,083 for the academic year 2019-2020 (statutory fee).

This tuition fee applies if this is your first master’s programme and you are a national of one of the following countries:

<table>
<thead>
<tr>
<th>Austria</th>
<th>Latvia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belgium</td>
<td>Liechtenstein</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>Lithuania</td>
</tr>
<tr>
<td>Croatia</td>
<td>Luxembourg</td>
</tr>
<tr>
<td>Cyprus</td>
<td>Malta</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>Norway</td>
</tr>
<tr>
<td>Denmark</td>
<td>Poland</td>
</tr>
<tr>
<td>Estonia</td>
<td>Portugal</td>
</tr>
<tr>
<td>Finland</td>
<td>Romania</td>
</tr>
<tr>
<td>France</td>
<td>Slovakia</td>
</tr>
<tr>
<td>Germany</td>
<td>Slovenia</td>
</tr>
<tr>
<td>Greece</td>
<td>Spain</td>
</tr>
</tbody>
</table>
The fee applies for both full-time and part-time study.

**The tuition fee for this programme is €18,300 for the academic year 2019-2020 (institutional tuition fee).**

If you are not a national of an EEA country, Suriname or Switzerland, generally speaking you will have to pay an institutional tuition fee. This fee applies for both full-time and part-time study.

However, if, on the basis of your Dutch residence permit, you are eligible for student finance from the Dutch education agency (DUO) you are entitled to pay the statutory tuition fee. Information on qualifying residence permits can be found in the [DUO nationality chart](#).

*Please note! If you will be studying at Leiden University via a cooperation agreement, the fees quoted in the agreement will apply.*

Only applicable to EU/EEA, Swiss and Surinamese nationals.

**The tuition fee for this programme is €16,500 for the academic year 2019-2020 (institutional tuition fee).**

If you are following a second Dutch master’s programme you will generally have to pay an institutional tuition fee that is higher than the statutory tuition fee. Some exceptions apply.
Consult the tuition fee flowchart for second master’s programmes to find out how much tuition fee you will have to pay.

**Less than 45 EC**

If you are going to follow a pre-master's or conversion programme after completing a bachelor’s programme, and if the programme is less than 45 ECs, you will have to pay €34 per study credit (EC).

**45 EC or more**

For programmes of more than 45 ECs you will have to pay the statutory tuition fee. If the pre-master's or conversion programme is more than 60 ECs – and therefore longer than one year - or if you are going to follow courses that are not part of your conversion programme, you will have to pay the institutional tuition fee for the programme in question (see second study programme). These fees apply to students of all nationalities.

**Scholarships, grants and loans**

Leiden University offers a wide range of scholarships for students from specific regions of the world, or for specific programmes. Leiden University also offers the Leiden University Excellence Scholarship (LExS), a programme specifically designed for non-EU/EEA students enrolling in a master’s programme. Find out more about scholarships, grants, loans and deadlines.

If you are an EU/EEA or Swiss national and under 30, you may be eligible for a loan from the Dutch government to cover your tuition fees.

**Astronomy waivers**

Leiden Observatory offers conditional waivers, reducing the non-EU/EEA tuition fee to the amount of the home fee. For more information, contact the Astronomy programme coordinator at masters@strw.leidenuniv.nl.

>> Go to the next step. Step 6: Prepare for your studies at Leiden University
Prepare for your studies

You’ve been accepted! Leiden University looks forward to welcoming you as a new student. Your next step is to prepare for your studies. Below you can find some tips to help you get a head start as you embark on your studies at Leiden University.

For international students

If you are an international student, a wealth of information can be found on the ‘Prepare your stay’ page of our website. This includes information about visas, housing, financial matters, what to arrange upon arrival, and much more.

For Dutch students

- The ‘student website’ page on Leiden University’s student website contains information about practical aspects, introduction weeks and student associations. It’s also a handy source of study-related information and advice.
- For detailed information about courses, schedules and reading materials, check out the e-prospectus.

Sign up for an introduction programme! It’s the best way to get acquainted with student life and the student cities of Leiden and The Hague.

Your student card is your proof of registration as a student of Leiden University. It will be sent to you at your Dutch address as soon as you have registered as a student and paid your tuition fee. Alternatively, you can collect it from the Student Affairs Front Office. Read more about your student card here.

As soon as you start studying at Leiden University you should apply for a Leiden University ID card, or LU-Card. It also serves as your library card, print & copy card and access pass. Read more about applying for an LU-card here.
Student life

Your time at Leiden is about more than just studying. Some of your best experiences will stem from being a part of our lively and diverse student community, as well as from life in the beautiful city of Leiden.

Life in Leiden

Quaint, picturesque and the perfect size, Leiden is an idyllic place to spend your university days. You will soon become familiar with the dozens of cafes, shops and bars that line the leafy canals, as well as its year-round line-up of cultural events. For visits further afield, the major cities of The Hague and Amsterdam are a short train ride away, along with Schiphol Airport, which is just half an hour away by train.

Within the university’s student community, our study and student associations organise a huge variety of social, cultural, and study events to keep you busy all year round. You can also join the University Sports Centre, which offers scheduled group sports and fitness classes amongst other activities.

Welcome and orientation programme

In August and February each year, Leiden University hosts the English-language Orientation Week Leiden (OWL), which welcomes both international and Dutch students. The OWL is an excellent way to get to know Leiden University, the city and to meet other students.

Follow Christine around the city and see what it is like to live in Leiden

This video can not be shown because you did not accept cookies.

You can leave our website to view this video.

Accept

De Leidsche Flesch

Leidsch Astronomisch Dispuut F. Kaiser is the Astronomy study association. It is part of De Leidsche Flesch, the study association for students of the Physics, Astronomy, Mathematics and Computer Science programmes. Kaiser fosters the integration between Astronomy students and other members of the Leiden Observatory community by organising social
activities and events, including guided tours and public events at the Leiden historical observatory Oude Sterrewacht. Study association De Leidsche Flesch arranges the book sale for the Astronomy programme, through which members can easily order their books with a discount.

**Science Buddy Programme**

The Science master’s Buddy Programme has been set up by the Faculty of Science to help all international students who are new to the university to integrate quickly and easily into university life. Through the programme you will learn everything you need to know about the university, the student community, and the practical side of life in Leiden. Your buddy is your first connection in the Netherlands and he or she can help you to find your way around. A few weeks before the start of your studies, you will get an invitation for the programme. After signing up, you will be matched to a student preferably from your own study programme.

**Information activities**

Are you thinking about studying at Leiden University? Come and visit our Master’s Open Day.

**About our Master’s Open Day**

Are you exploring your options for a master’s programme? You can learn a lot by coming to our Master’s Open Days. This event is your opportunity to learn everything you need to know about our master’s programmes and how they can help you reach your goals. Attend presentations by the different programmes, visit the information fairs, and ask lecturers, students, alumni and study advisers all your questions. And you’ll get to know the best student city right in the heart of Europe in the Netherlands.

Read more about the Master’s Open Days

**Impressions Master’s Open Day**

**Contact**
Do you have questions about the Master’s specialisation Astronomy and Education? Please contact us.

Contact the programme

For more information and questions about entry requirements, admissions procedures, tuition fees and scholarships, please contact the Education Office Astronomy.

Astronomy programme coordinator
Arianne Pen MSc
Head of Education Office Astronomy
E-mail: masters@strw.leidenuniv.nl
Phone: +31 (0)71 527 5839

Contact the Education Programme

For more information and questions about the Education programme, please contact the study advisor:

T. Egberts MSc
Study advisor Education
E-mail: studieadviseur@iclon.leidenuniv.nl
Phone: +31-71 527 3009 (Tuesday 13.00-15.00 hrs.)

Contact Astronomy alumni

Would you like to talk to someone who knows the Astronomy master’s programme? Who knows how to get around in Leiden and can tell you more about entering the job market after graduation? Then contact one of our Astronomy Ambassadors and feel free to ask anything about their experiences studying at Leiden University.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isa Oliviera</td>
<td>Optimum Soluções, São Paulo, Brazil</td>
</tr>
<tr>
<td>Roderik Overzier</td>
<td>National Observatory in Rio de Janeiro, Brazil</td>
</tr>
</tbody>
</table>
Name | Institute
--- | ---
Demerese Salter | Pontificia Catolica Universidad de Chile
Thijs Kouwenhoven | Xi’an Jiaotong-Liverpool University, China
AnneMarie Weijmans | School of Physics and Astronomy, University of St. Andrews, UK
Wouter Vlemmings | Chalmers University of Technology, Sweden
Frank van den Bosch | Yale University, US

*Do you have questions about studying at Leiden University?*
Do you want to know more about one or more programmes or about our information activities? The StudyLine is a source of information for students and is staffed by students. You can contact them by mail or by phone on +31 (0)71 527 11 11 on working days between 9.00 am and 17.00 pm.

*Do you have questions on your admission and application?*
For questions about your admission and application, you can contact the Student Information Centre. You can contact them by telephone on +31 (0)71 527 80 11 (daily between 11:00 am and 16:00 pm) or ask your question in the online contact form.