

**The Government of Mexico through its Ministry of Foreign Affairs,  
together with the multinational technology company HUAWEI  
Technologies Co., Ltd.**

## **OPENS THE REGISTRATION FOR THE PROGRAM:**

**"HUAWEI-SRE 1,000 Talents for the Digital Development of Latin America  
and the Caribbean"**

"Closing the digital gender gap"

### **SECOND EDITION**

HCIA International Certification - Online Course + Certification exam.

**TO**

Women students, professionals and/or academics interested in Information  
and Communication Technologies.

### **AREAS OF KNOWLEDGE**

Previous knowledge suggested in the following areas: Information and  
Communication Technologies (ICTs) and / or Physical Sciences Mathematics  
and Engineering.

**Previous knowledge in specific areas depending on the subject chosen for  
certification; previous knowledge must be declared in the "Letter of  
Intent" and the "Applicant Questionnaire"**

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## MODALITY

100% online course and exam.

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## DURATION OF STUDIES

6 to 20 hours according to the chosen area.

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## AREAS OF STUDY AND PREVIOUS KNOWLEDGE REQUIRED

Detailed information on the courses and the study technologies offered are available in the "Additional Information" section of this document, as well as on the website:

<https://huawei.com/mx/events/mx/1000-talents-para-el-desarrollo-digital>

It is suggested to use Chrome browser, Firefox or Internet Explorer to properly view the functions of the web page.

## COURSES

### 1. Artificial intelligence (HCIA-AI):

- Fundamentals of mathematics (basic knowledge of linear algebra, probability and statistics).
- Basic knowledge of Python programming.

**NOTE: Huawei also offers free Python courses and mathematics topics necessary for the study of artificial intelligence.**

### 2. Internet of Things (HCIA-IoT):

- Basic computer and Linux operating capabilities.

### 3. Data Communication (HCIA-Datacom):

- Basic knowledge of PC operations.
- Basic knowledge of computer and network.

### 4. Data Storage:

- No prior knowledge requirements.

## 5. Cloud services:

- Basic knowledge of computer science.
  - Basic knowledge of Linux server and operating system.
- Basic knowledge of Storage.

## 6. Macro Data (Big Data):

- It is preferable to have basic computing and Linux capabilities.

**Once the study area for certification has been selected, you cannot modify said selection.**

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### LANGUAGE IN WHICH the courses will be taught

English.

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### EXPENSES COVERED BY HUAWEI AND BENEFITS

- Waiver of the cost of course certification, which is \$200.00 USD.
- Assistance through online sessions with Huawei experts and partners for the resolution of doubts.
- Participants who pass the relevant certification exam will be able to obtain a digital HCIA certificate valid for 3 years (no cost).
- Diploma of participation.

Through this program, Huawei offers 1,000 scholarships to the following countries:

Antigua and Barbuda

Argentina

Bahamas

Barbados

Belize

Bolivia

Brazil

Chile

Colombia

Costa Rica

Cuba

Dominica

Ecuador

El Salvador

Grenada

Guatemala

Guyana

Haiti

Honduras

Jamaica

Mexico

Nicaragua

Panama

Paraguay

Peru

Dominican Republic

San Kitts and Nevis

Saint Vincent and the

Grenadines

Saint Lucia

Suriname  
Trinidad and Tobago

Uruguay

Venezuela

In this Call, the number of scholarships to be allocated per country will be based on the availability of places that were not allocated in the first edition of this call.

30 scholarships will be awarded per country, a total of 990 and the remaining 10 will be allocated by the selection committee composed of the coordinators.

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## REQUIREMENTS

Due to the current health situation, applicants must apply through the "Academic Cooperation Management System" (SIGCA) on the website <https://sigca.sre.gob.mx/>, in which the following documents must be entered in PDF format:

1. Letter of intent written **in English or Spanish**, which must contain the following:
  - a. Self-introduction;
  - b. Reasons why you want to apply for Huawei-Certification courses, as well as expectations;
  - c. Brief description of previous knowledge in the subject that you intend to undertake in this program (please refer to the section "**AREAS OF STUDY AND PREVIOUS KNOWLEDGE REQUIRED**")
2. Recommendation **Letter in English or Spanish** from a teacher or person with professional relationship;
3. Proof of proficiency of English language (Except for applicants from countries which official language is English);
4. "Applicants Questionnaire", available to download at: <https://huawei.com/mx/events/mx/1000-talents-para-el-desarrollo-digital>

5. Passport or National Identity Document;
6. Optionally, you can attach to your application certificates or diplomas of courses in Information and Communication Technologies that you have obtained in the last 24 months, which will allow you to obtain a higher score in your application.

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## APPLICATION DEADLINE

**Applicants can submit their application on the following site: <https://sigca.sre.gob.mx> from December 28, 2021 to March 28, 2022 at 23:59 time of Mexico City.**

### **IMPORTANT NOTE:**

**Women who were awarded a scholarship in the first edition of this program will NOT be able to participate in this second edition, so if they apply, they will NOT be considered for evaluation.**

**Once selected, HUAWEI will notify the participants the dates on which they must enter and register on the HUAWEI platform.**

The stated deadline is non-extendable and applications received after the indicated dates will not be considered.

Applications that do not meet all the requirements will not be evaluated.

The deadline for the reception of applications will not be changed.

Scholarships will be awarded through an evaluation and selection process from the date of publication.

For under-age applicants, if selected, they will be asked to submit a written permission by their father, mother or legal guardian.



## SELECTION CRITERIA

- 1) Timely and due submission of required documents for the application.
- 2) Evaluation of the information submitted through the "Applicants Questionnaire".
- 3) Diplomas, courses or certificates in Information Technologies or Communication.

## THE DECISION ON AWARDED SCHOLARSHIPS WILL BE FINAL AND NOT OPEN TO APPEAL.

The results will be announced through the representations of Mexico in each country and the AMEXCID (Mexican Agency for International Development Cooperation) from May 10, 2022.

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## IMPORTANT NOTES

- This is not a Scholarship from the Government of Mexico, the Ministry of Foreign Affairs (SRE) or the Mexican Agency for International Development Cooperation (AMEXCID).
- By submitting her application with the required documents, the applicant declares that all the information reflected is **true** and **accepts** that the information is evaluated through the selection system and criteria described in this call.
- The submission of all the documents **DOES NOT guarantee the applicant will be granted the scholarship or a place in this program.**
- The beneficiaries of the scholarship undertake to provide within three months of the end of the course covered by the scholarship, a course evaluation and concrete information on how the acquired knowledge will be applied, in order to **cooperate with the Mexican Agency for International Development Cooperation (AMEXCID) and HUAWEI in the impact assessment of the scholarship program.**

- Should you have any question about the application, please contact us at: [infobecas@sre.gob.mx](mailto:infobecas@sre.gob.mx) or [latamtalentos@huawei.com](mailto:latamtalentos@huawei.com)

In compliance with the provisions of the Federal Law on Protection of Personal Data in possession of Individuals, Huawei Technologies de Mexico, S.A. from CV makes your Privacy Notice available, which can be consulted at <http://www.huawei.com/mx> any doubt, query or request related to this Privacy Notice may be directed to the following address: [avisodeprivacidad@huawei.com](mailto:avisodeprivacidad@huawei.com)

Also, from the Ministry of Foreign through AMEXCID side, it is informed that in compliance with the General Law on Protection of Personal Data in possession of Obligated Subjects, we make your Privacy Notice available, which can be consulted at <https://sre.gob.mx/index.php/avisos-de-privacidad-convocatorias>

## SUPPLEMENTARY INFORMATION

Through this initiative, Huawei will award 1,000 scholarships for the entire region, corresponding to 30 per country. The program aims to promote female digital talent development to strengthen their competitiveness, reduce the digital divide and empower women's development in the region. Participants will be able to choose one of the most advanced digital technologies to take an online course and become certified as "**HCIA (Huawei Certified ICT Associate)**". The available technologies are: **Datacom, Artificial Intelligence, Storage, Internet of Things, Cloud Services and Big Data**, all of which are drivers of productivity and economic growth in the new digital era.

### I. Type of studies:

Selected participants will have free access to 100% online courses for the technology of their choice with a duration of 6 to 20 hours, accompanied by online sessions with Huawei experts for Q&A; upon completion of the course, you must take a certification exam and, if you obtain the required score, you will be granted an **HCIA (Huawei Certified ICT Associate)**. Participants will be able to successfully download their digital HCIA certificate with a validity of 3 years.

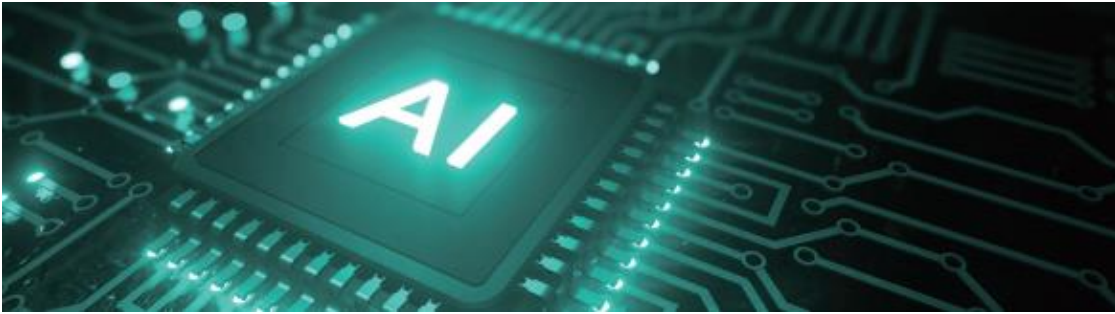
## II. Program stages:

1. Apply to the program via <https://sigca.sre.gob.mx/>
2. If selected, you will receive a confirmation email;
3. Acceptance of the scholarship by the awardee;
4. Registration in the selected technology course, attendance to the online orientation session and application for the voucher for the selected study and certification area;
5. Online study with the assistance of Huawei experts and partners for resolution of doubts;
6. Submission of certification exam;
7. Obtaining certification valid for 3 years;
8. Grant of diploma of participation in the event of compliance with the requirements.



### III. Introduction to Huawei Certification courses:

#### Artificial Intelligence (HCIA-AI)



#### General aspects of the course:

Its aim is to train participants in the use of artificial intelligence, machine learning, deep learning and other technologies to achieve design, development and innovation of Artificial Intelligence products and solutions; it is also the first step to apply for the certification as an HCIA-AI Engineer through a certification exam.

**NOTE: Huawei also offers free Python courses and mathematics topics necessary for the study of artificial intelligence.**

#### Benefits:

At the end of the course, students will master the basic principles of Artificial intelligence, open source AI frameworks, and programming knowledge; they will also have the ability to design, develop and innovate AI products and solutions using technologies such as AI, machine learning and deep learning.

## Data Storage (HCIA-Storage)



### **General aspects of the course:**

Its aim is to train participants to collaborate in the design, implementation, and management of Huawei storage systems; is also the first step to apply as an HCIA-Storage Engineer through a certification exam.

### **Benefits:**

At the end of the course, participants will be able to build SAN and NAS storage networks, in addition to being able to operate and manage Huawei data storage.

## Data Communication (HCIA-Datacom)



### General aspects of the course:

Its aim is to train participants to plan, design, deploy, manage O&M (operation and maintenance) and optimize small and medium-sized campus networks; it is also the first step to apply as an HCIA-Datacom Engineer through a certification exam.

### Benefits:

At the end of the course, participants will have a basic understanding of data communication, including routing and switching principles, WLAN principles, network security, network management and automation of O&M, SDN and programming.

## Macro Data (HCIA-Big Data)



### **General aspects of the course:**

Its aim is to train participants to use open source Hadoop and Huawei Fusion HD to operate and perform maintenance of Big Data platforms; it is also the first step to apply as an HCIA-Big Data Engineer through a certification exam.

### **Benefits:**

At the end of the course, participants will master the open source Big Data architecture and component knowledge and will be able to use Huawei's open source Hadoop and Huawei Big Data HD product to complete basic Big Data functions.



## Internet of Things (HCIA IoT)



### **General aspects of the course:**

Its aim is to train participants to use Huawei's open source Hadoop and HD FusionInsight to complete the implementation, operation and maintenance of the Big Data platform. It is also the first step to apply for the certification as an HCIA-IoT Engineer through a certification exam.

### **Benefits:**

At the end of the course, participants will master the open source Big Data architecture and component knowledge, and will be able to use Huawei's open source Hadoop and Huawei Big Data HD product to complete basic Big Data functions.



## Cloud Services (HCIA Cloud Services)



### **General aspects of the course:**

Its aim is to train participants to collaborate in the implementation and O&M (operation and maintenance) of cloud computing with virtualization technology. It is also the first step to apply for the certification as an HCIA-Cloud Services Engineer through a certification exam.

### **Benefits:**

At the end of the course, participants will be able to use virtualization technology to build cloud computing and perform basic cloud computing operations.

## IV. About Huawei Certification.

### Huawei certification model.

Huawei Certification is committed to provide a leading talent development model and certification standards, develop new ICT professionals in the digital age and build a healthy ICT talent ecosystem.

### Courses with authority.

From decades of experience, Huawei has developed an industry-recognized digital talent training model, accompanied by Huawei Certification that covers all ICT fields. Huawei also licenses composite courses from the latest industry knowledge and cases to higher education institutions to strengthen the practical skills in engineering and competitiveness of students.

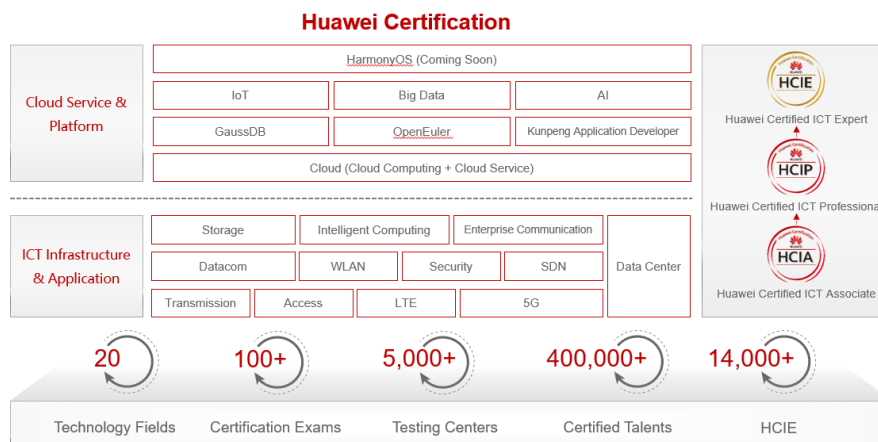
### Recommended Applicable Areas.

Computer Science, Computer Engineering, Information Systems, Information Technology, Software Engineering, Cyber Security, Data Engineering, Networking, Communications Engineering, among others.

### Huawei Certification Structure

Huawei offers three levels of certification: Huawei Certified ICT Associate (HCIA), Huawei Certified ICT Professional (HCIP) and Huawei Certified ICT Expert (HCIE).

Huawei Certification: A Comprehensive Talent Standards in ICT Fields



For more information on courses, please visit:

<https://www.huawei.com/mx/events/mx/1000-talents-para-el-desarrollo-digital>