

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

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**OPENS THE REGISTRATION FOR THE PROGRAM:**

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**"HUAWEI-SRE 1,000 Talentos para el Desarrollo Digital de América Latina  
y El Caribe"**

"Closing the digital gender gap"

HCIA International Certification - Online Course + Certification exam

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**ADDRESSED TO**

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

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**AREAS OF EXPERTISE**

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

**Depending on the area of study to be 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 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>

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

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

**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 computing and network.

### 4. Data storage:

- No prior knowledge required.



### 5. Cloud service:

- 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 switch to other areas.**

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### LANGUAGE IN WHICH the courses will be taught

English

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### EXPENSES COVERED BY HUAWEI AND BENEFITS

- Exemption from the cost for the course certification, which has a cost of \$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 Cristobal and  
Nevis  
Saint Vincent and the  
Grenadines  
Saint Lucia  
Suriname

Trinidad and Tobago  
Uruguay  
Venezuela

Thirty 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, with a maximum length of 500 words and must contain the following:
  - a. Self-presentation;
  - b. Reasons why you want to apply for Huawei Certification courses, as well as expectations;
  - c. A brief description of the prior 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. Letter of recommendation from a teacher or person with a working relationship;

3. English language certificate level B2 or equivalent, except for applicants from countries with official language is English;
4. "Applicants Questionnaire", available for download at <https://huawei.com/mx/events/mx/1000-talents-para-el-desarrollo-digital>;
5. Passport or National Identity Document.

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### APPLICATION DEADLINE

**Applicants can register their application on the page: <https://sigca.sre.gob.mx> from October 11 to November 11 2021 at 23:59 Mexico City time.**

**Scholarship beneficiaries must register in the study area before December 10, 2021.**

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 shall not be evaluated.

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

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

### SELECTION CRITERIA

- 1) Due submission of the required documentation for the application.
- 2) Evaluation of the information reflected in the "Applicants Questionnaire".
- 3) Evaluation of the "Letter of Intent".

## **THE FINAL DECISION ON THE AWARD OF RESULTS IS INDISPUTABLE.**

The results will be made known through the representations of Mexico abroad and AMEXCID starting November 25, 2021.

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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 documentation, the applicant declares that all the information reflected is true and accepts that the information is evaluated through the selection system described in this call to select participants.
- The delivery of all the documentation DOES NOT guarantee the receipt of a scholarship or a seat in this program.
- Participants benefiting from the scholarship accept 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.
- **Cooperate with AMEXCID and HUAWEI, in the impact assessment of the scholarship program.**

In case of doubt for registration please contact: [infobecas@sre.gob.mx](mailto:infobecas@sre.gob.mx) or [latamentos@huawei.com](mailto:latamentos@huawei.com)

In compliance with the provisions of the Federal Law on Personal Data Protection in Possession of Private Entities, Huawei Technologies de Mexico, S.A. de C.V. makes the Privacy Notice available, which can be consulted at

<http://www.huawei.com/mx>. Any doubt, query or request related to said Privacy Notice may be directed to the following address: [avisodeprivacidad@huawei.com](mailto:avisodeprivacidad@huawei.com)

Also, the Ministry of Foreign Affairs of Mexico through AMEXCID, informs that in compliance with the General Law on Protection of Personal Data in Possession of Obligated Subjects, makes the 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 LAC region, corresponding to 30 per country. The program aims to promote the development of women's digital talents 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 certify as a "Certified ICT Associate". Available technologies include: Data Communication, Artificial Intelligence, Storage, Internet of Things, Cloud and Big Data services, which are drivers of productivity and economic growth in the new digital era.

### **I. Study Modality:**

The selected ones will have free access to 100% online courses for the technology of their choice with a duration of 6 to 20 hours of study, with

complimentary online sessions led by Huawei experts for resolution of doubts; upon completion of the course, they must complete an exam and, if the required score is obtained, you will be granted the certification HCIA (Huawei Certified ICT Associate). Participants will be able to successfully download their digital HCIA certificate, which has 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 beneficiary;
4. Registration in the preferred technology course, attendance to the online orientation session and registration of 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. Certification exam;
7. Obtaining the certification, which is valid for 3 years.
8. Upon fulfilling the requirements, a diploma of participation will also be granted.

## III. Introduction to Huawei Certification courses:

### Artificial Intelligence (HCIA-AI)





**General aspects of the course:**

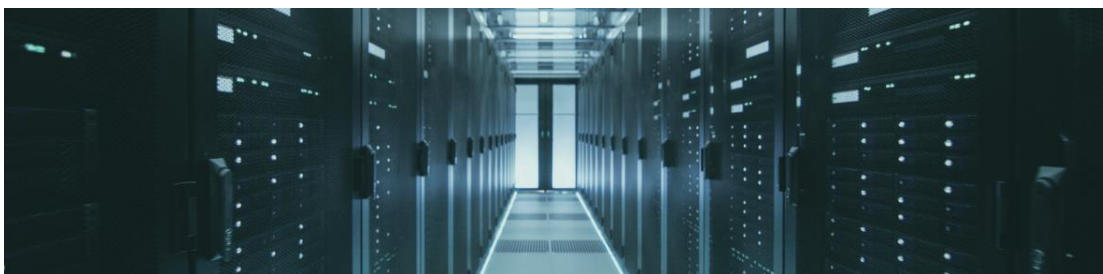
Its aim is to train participants in the use of artificial intelligence, machine learning, deep learning and other technologies to achieve design, development and innovation of Artificial Intelligence products and solutions; it is also the first step to apply for the certification as an HCIA-AI Engineer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

The certification level that Huawei offers in this program is: Huawei Certified ICT Associate (HCIA).

For more information on courses and Huawei certifications, please visit: <https://huawei.com/mx/events/mx/1000-talentos-para-el-desarrollo-digital>