

## UNIVERSIDAD AUTÓNOMA DE AGUASCALIENTES

### MASTER IN URBAN PLANING

#### PLAN DE ESTUDIOS<sup>1</sup>

#### I. PROGRAM IDENTIFICATION

Responsible academic center:	Design and Construction Science
Responsible academic department:	Town planning
Modality:	On-campus
Level:	Master Dregree
Program orientation:	Program that specialized in the profession
Program engagement:	Exclusive time for those students with CONACyT scholarships and a grant from the University. Partial for active professionals.
Duration:	2 years (4 semesters)
Academic credits:	160 credits
Type of academic program:	Institutional
Approval date by the HCU <sup>2</sup> :	2019
Actualization date:	June 2021

#### II. QUALITY CERTIFICATIONS

National:	National Postgraduate System (SNP)
Level:	In Development

#### III. PROGRAM OBJECTIVE

Form professionals who contribute in an innovative way to solving national and international problems related to urban development and planning. Provide that our graduates have the knowledge, skills, attitudes, and professional ethics to influence decision-making or development of projects related to the development of sustainable, inclusive, safe, resilient and sustainable cities in their social, economic and environmental dimensions in the public and private sphere.

#### IV. LINES OF RESEARCH

1. Urban Studies
2. Ordening and planning of the territory

Date of actualization: December 2022

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<sup>1</sup> (Web version)

<sup>2</sup> Honorable University Council

## V. PERFIL DE INGRESO Y EGRESO

APPLICANT	GRADUATE
<p><i>Knowledge::</i></p> <ol style="list-style-type: none"> <li>1. Knowledge and/or experience in urban development and/or urban planning.</li> </ol>	<p><i>Knowledge in:</i></p> <ol style="list-style-type: none"> <li>1. Develop a comprehensive understanding of the problems involved in sustainable urban development and generate responses from urban planning.</li> <li>2. The urban, social, economic, political, and environmental phenomena and problems, that affect urban planning.</li> <li>3. Conceptual foundations to develop comprehensive and innovative urban planning projects.</li> <li>4. Methodologies, techniques, and tools necessary for the study of urban phenomena with a prospective vision.</li> <li>5. Design, development, implementation, and evaluation of public policies that attend to the problems of urban development.</li> <li>6. Cutting-edge scientific and technological advances in urban planning, sustainable development, and integral urban projects.</li> </ol>
<p><i>Skills</i></p> <ol style="list-style-type: none"> <li>1. Analysis and synthesis capacity.</li> <li>2. Writing and Reading.</li> </ol>	<p><i>Skills for:</i></p> <ol style="list-style-type: none"> <li>1. Generate, manage, implement, and evaluate innovative projects, in the public and/or private initiative, that affect urban development from the perspective of urban planning.</li> <li>2. Evaluate, study, analyze and synthesize the urban, social, economic, political, and environmental variables that affect the urban development process.</li> <li>3. Design and evaluate prospective scenarios for the formulation of strategies and public policies that attend to the problems of urban development.</li> <li>4. Formulate and evaluate urban policies oriented to urban planning.</li> <li>5. Divulge the projects they develop through scientific articles, participation in specialized seminars and development of professional projects that affect social welfare.</li> </ol>
<p><i>Attitude</i></p> <ol style="list-style-type: none"> <li>1. Have a critical, analytical, and humanistic attitude.</li> <li>2. Being a person with a inclusive vision.</li> <li>3. Interest in the complex problems of urban planning.</li> <li>4. In favor of the sustainable development of cities.</li> </ol>	<p><i>Attitudes on:</i></p> <ol style="list-style-type: none"> <li>1. Understand and address complex problems that are related to the process of urban development.</li> <li>2. Evaluate the elaboration and design of urban planning instruments, in a comprehensive, avant-garde, critical manner and committed to sustainable urban development.</li> <li>3. Analyze the spatial, social, economic, political and natural phenomena that influence the urban planning process.</li> <li>4. Sustainable development and well-being of society with responsibility and commitment.</li> <li>5. Generate and disseminate scientific and practical knowledge of urban planning that influence the improvement of the conditions of cities and their population, in a proactive way.</li> </ol>

<p><i>Values</i></p> <ol style="list-style-type: none"> <li>1. Social Responsibility</li> <li>2. Professional Ethics.</li> </ol>	<p><i>Values</i></p> <ol style="list-style-type: none"> <li>1. Autonomy and social responsibility.</li> <li>2. Pluralism.</li> <li>3. Humanism.</li> <li>4. Quality.</li> <li>5. Equity and equality.</li> </ol>
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## VI. ADMISSION AND SELECTION REQUIREMENTS

### ADMISSION

#### Admission requirements for national applicants

1. Have a bachelor's degree certificate with a minimum average of eight (8.0) in undergraduate studies.
2. Professional title and professional license.
3. Accredite the EXANI III with a minimum score of 1,000 points.
4. Deliver Curriculum Vitae, according to the requirements established by the Academic Council.
5. Deliver Letter of explanatory reasons.
6. Present the personal interview with the Academic Council of the master.
7. Accredite the preparatory course with a minimum average of eight (8.0).
8. Accredite the level of comprehension of English.
9. Present the Diagnosis of skills for the Graduate applied by the Autonomous University of Aguascalientes (UAA).
10. Demonstrate work experience in urban planning and/or urban development, preferably at least one year. In case of being a bachelor's degree recognized by the *Association for the Teaching of Territorial Planning, Urban Planning and Urban Design* (ANPUD), this requirement will not be necessary.
11. Present a portfolio of projects related to the master.
12. Present all the administrative documentation requested by the School Control Department of the UAA.

#### Admission requirements for international applicants

1. Have a bachelor's degree certificate with a minimum average of eight (8.0), or its equivalent, in undergraduate studies, consistent with the training that the postgraduate course will provide.
2. It is necessary to have the revalidation of the undergraduate courses by the Ministry of Public Education.
3. Certificate of complete undergraduate studies (letter-size photocopy) apostilled or legalized, as the case may be.
4. Have a bachelor's degree related to the master's degree. This must be accredited by presenting an apostilled and certified professional title, validated by the Department of School Control.
5. Professional license to practice in the Mexican Republic or authorization document to practice the profession in the country where the studies were carried out (front and back photocopy letter size), apostilled or legalized.
6. Demonstrate work experience in urban planning and/or urban development, of preference, minimum of one year.

7. Accreditation of English with a score of 450 TOEFL, however, you can enter with a minimum of 400 points, but you will have one year to reach the established 450 points. In the case of English-speaking foreigners, they must take the DELE level B-2 exam; however, standardized certificates with international validity equivalent to the language may be accepted.
8. Accredite the preparatory course with a minimum average of eight (8.0).
9. Present the Diagnosis of skills for the Graduate applied by the UAA. The design, application and modality are carried out by the Admission Committee proposed by the Academic Council.
10. Deliver Curriculum Vitae, in accordance with the requirements established by the Academic Council.
11. Deliver Letter of explanatory reasons.
12. Submit Letter of commitment to dedicate full time to the master.
13. Present a portfolio of projects related to the master's degree.
14. Present the personal interview (online modality) with the Academic Committee of the master.
15. Present all the administrative documentation requested by the Department of School Control of the UAA.

## VII. CURRICULAR ORGANIZATION AND STRUCTURE OF THE PROGRAM

### Organization of the program

FORMATION AX	DESCRIPTION OF FORMATION AX
<b>Basic.</b>	It provides the general knowledge, that means, the contextual, methodological, and instrumental bases necessary to develop professionally from the master.
<b>Discipline or profesional.</b>	They are required subjects that deepen into topics or contents specific to the postgraduate, since its objective is to be a space where students develop and/or master their professional learning.
<b>Terminal.</b>	The set of subjects that are in the training axis allows the student to develop his thesis. In addition, a <i>Professional Stay</i> is carried out in the fourth semester that must be related to their reception work. To grant credits for the stay, the <i>Employer's Letter of Satisfaction</i> must be available.
<b>Optative.</b>	These subjects may be taken inside or outside the institution at a national or international level in person or online, during the semesters they may be chosen by the student with the support of the tutor, with the approval of the Academic Council (who recommends and endorses them).
<b>Complementary activities</b>	They can be carried out from the first to the fourth semester of the master's degree and can be covered with participation in national and international conferences, national or international stays, publications (book chapters, books, refereed and indexed journals), among others determined by the Academic Council. Complementary activities are selected based on the needs and requirements of the students, which will depend on their reception work and the LGAC of the master's degree.

## Curricular Structure

Academic activities	H T	HP	C	Form ation ax	Academic area	Cent er	Dept.
<b>First semestre</b>							
1. Elements of urban development	2	3	7	Basic		CCDC/ CCSH	Interdepartamental (Urbanism – CCDC / Sociology – CCSH))
2. Urban planning topics	2	4	8	Discipline	Theory and methods of Urbanism	CCDC	Urbanism
3. Theoretical foundations of urban planning	2	4	8	Discipline		CCDC	Interdepartamental (Urbanism – CCDC / Sociology – CCSH / Urban economy – CCEA / Biology - CCB))
4. Professional intervention seminar I	0	7	7	Terminal		CCDC	Interdepartamental
<b>Subtotal</b>	<b>6</b>	<b>18</b>	<b>30</b>				
<b>Second semestre</b>							
5. Non-spatial urban planning techniques	2	4	8	Disciplinary	Theory and methods of Urbanism	CCDC	Urbanism
6. Theories and methodologies for urban planning	2	4	8	Disciplinary	Theory and methods of Urbanism	CCDC	Urbanism
7. Professional intervention seminar II	0	10	10	Terminal		CCDC	Interdepartamental
<b>Subtotal</b>	<b>4</b>	<b>18</b>	<b>26</b>				
<b>Third semestre</b>							
8. Geospatial urban planning techniques	2	4	8	Disciplinary	Theory and methods of Urbanism	CCDC	Urbanism
9. Formulation and evaluation urban public policies and urban development	2	4	8	Disciplinary	Theory and methods of Urbanism	CCDC	Urbanism
10. Professional intervention seminar III	0	13	13	Terminal		CCDC	Interdepartamental
<b>Subtotal</b>	<b>4</b>	<b>21</b>	<b>29</b>				
<b>Forth semestre</b>							
11. Professional intervention seminar IV	0	15	15	Terminal		CCDC	Interdepartamental
12. Professional Stay	0	25	25	Terminal			
<b>Subtotal</b>	<b>0</b>	<b>40</b>	<b>40</b>				
<b>Final subtotal</b>	<b>14</b>	<b>97</b>	<b>125</b>				
Optative			10				
Complementary activities			15				
Grade test			10				
<b>TOTAL</b>	<b>14</b>	<b>79</b>	<b>160</b>				

## Curricular Map

Axes	Semester/Subjects			
	First	Second	Third	Fourth
Basic	Elements of urban developmet			
Discipline	Urban planning topics	Non-spatial urban planning techniques	Geospatial urban planning techniques	
	Theoretical foundations of urban planning	Theories and methodologies for urban planning	Formulation and evaluation of urban public policies and urban development	
Terminal	Professional intervention seminar I	Professional intervention seminar II	Professional intervention seminar III	Professional intervention seminar IV
				Professional stay
Optative	Matters related to practical work; They can be at the UAA or at a national or international institution. The student with the support of the tutor, with the approval of the Academic Council (who recommends and endorses them).			
Complementary Activities	Stays, presentations, memories, articles, outreach activities, among others that are related to their practical work. The Tutoring Committee is the one who recommends and endorses them with the approval of the Academic Council.			

**Note:** The Master's in Urban Planning student will carry out a professional stay of at least three months in the fourth semester.

## VIII. PERMANENCE REQUIREMENTS

The requirements that the student must fulfill for their permanence and continue with their studies in the master will be respecting the provisions of the General Teaching Regulations in force at the Autonomous University of Aguascalientes, in addition to considering the following:

1. Attend classes to have the right to present the subjects in the ordinary exam. The number of absences with which the right to the ordinary or extraordinary exam is lost is considering the hours scheduled per week for each subject. Absences are not justifiable for any reason.
2. Each subject must be accredited in the ordinary period with a minimum grade of seven (7.0) or in an extraordinary exam, considering a single opportunity to approve the subject that is owed, this last element does not apply to seminars and professional stay.
3. Maintain a minimum general average of eight (8.0), in addition to accrediting all subjects.
4. Have the accreditation of English with the required score according to current regulations.
5. The students deliver to the Academic Council a written semester report of the activities and advances, endorsed by all the members of the Tutorial Committee. The report reflects the progress of the thesis or practical work, as well as progress in completing credits: electives, complementary activities and/or professional stay. The dates for delivery of the report by the student will be indicated by the Academic Council and the assigned tutor.
6. In relation to complementary Activities and Seminars, the following is indicated:
  - Complementary activities.
  - The Academic Council will define the number of credits that will be granted. The registration in the school file is carried out, according to the established procedure.
  - or Seminars. Considering that the seminars are tutorials and not subjects or courses
  - or subjects, it is indicated that:
  - They are evaluated by the tutor(s) considering compliance with the work plan (activities) prepared by the student and the tutor of the Basic Academic Nucleus

- (NAB) at the beginning of the semester.
- The grade must be established in accordance with the formats established by the Academic Council.
  - The Exam Review established in the General Teaching Regulations is not applicable since they are not subjects and are not evaluated with an exam.
7. Temporary leave will not be allowed, due to the serious affectation to the terminal and degree efficiency of the National Quality Postgraduate Program of the National Council of Science and Technology (PNPC-CONACyT).
  8. The student will be definitively withdrawn from the program in the following cases, in addition to what is established by the General Teaching Regulations and current institutional policies:
    - At the request of the student.
    - For not obtaining the degree within the period established in the General Teaching Regulations.
    - Not passing the grade exam.
    - Due to non-compliance with the requirements established in the Institutional Regulations.
    - That the student presents serious misconduct or professional ethics towards the institution, tutors, professors, university workers, colleagues and/or causes intentional damage to university facilities.
    - For not passing the thesis progress or practical work seminars.
    - Not fulfilling or accrediting the stays or complementary activities recommended by the tutor(s), in accordance with the study plan.

## **IX. REQUIREMENTS FOR OBTAINING THE DEGREE**

- Pass all the subjects, seminars and activities indicated in the study plan.
- Have the letter of satisfaction from the employer, as well as the approving evaluation of the Tutoring Committee.
- Obtain a minimum general grade point average of eight (8.0).
- Present and defend the degree work in a public degree exam and approve it in a timely manner as established in the *Postgraduate Guidelines and Procedures Manual for the preparation of Thesis or Practical Work*.
- Comply with what is indicated by the General Teaching Regulations and current institutional regulations on obtaining the degree.

## X. NÚCLEO ACADÉMICO BÁSICO

Grado	Nombre	PTC/PTP	Institución del último grado	Cuerpo académico	SNI	LGAC
D	De la Barrera Medina, Mónica Susana	PTC	Universidad Iberoamericana		C	Estudios urbanos
D	Esparza Díaz de León, Mario Ernesto	PTC	Universidad de los Estudios de los Napoles Federic	Estudios integrales de diseño (En consolidación)	C	Estudios urbanos
D	Franco Muñoz, Rodrigo	PTC	Uva	Estudios urbanos y ordenamiento del territorio (En consolidación)	--	Estudios urbanos
D	López Flores, Netzahualcóyotl	PTC	Universidad de Valladolid España		--	Ordenamiento y planeación del territorio
D	Moreno Codina, Tonahtic	PTC	UNAM		I	Estudios urbanos
D	Narvárez Montoya, Óscar Luis	PTC	UNAM	Estudios urbanos y ordenamiento del territorio (En consolidación)	--	Ordenamiento y planeación del territorio
M	Orozco López, Juan José	PTP	BUAA		--	Ordenamiento y planeación del territorio
M	Ruvalcaba Sandoval, Ma. Guadalupe*	PTP	BUAA		--	Ordenamiento y planeación del territorio
D	Santiago García, Luis Enrique	PTC	COLMEX	Estudios urbanos y ordenamiento del territorio (En consolidación)	--	Estudios urbanos



## **XI. FLEXIBILITY OF THE PROGRAM**

The mandatory credits are reduced to favor flexibility through optional credits, complementary activities, mobility, and professional stay. Next, the parts that favor flexibility are mentioned.

*Optional Credits.* The optional credits can be covered inside or outside the Autonomous University of Aguascalientes (UAA), nationally or internationally, in person or online.

*Complementary activities.* Students must cover their credits of complementary activities between the first and fourth semester with participation in national and international conferences, national or international research stay, publications (book chapters, books, refereed and indexed journals), among others determined by the Council. Academic.

*Professional stay.* The professional stay is carried out in the fourth semester. The Academic Council approves the place where the professional stays will be carried out for the elaboration of the reception work. Meanwhile, the tutoring Committee will evaluate the work done in the stay.

*Mobility.* Mobility is understood as carrying out academic, research or consultancy stays, carried out in Institutions or Higher Education University, Research Centers, companies or public or private organizations; They can be done at the state, regional, national or international level.

It is important to mention that mobility will always favor your reception work. Mobility may be carried out through the contacts that NAB or external professors have with these organizations, in addition, at the institutional level, agreements have been signed with national and international universities that can receive students to study their subjects or carry out short stays that favor their reception works.

## MEMBERS OF REDESIGN COUNCIL

**Dr. Francisco Javier Avelar González**

Rector

**Mtro. Omar Vázquez Gloria**

*Dean of the Center for Design and Construction Sciences*

**Dra. María del Carmen Martínez Serna**

*General Director of Research and Postgraduate*

**Dr. Ricardo Arturo López León**

*Secretary for Research and Graduate Studies at the Center for Design and Construction Sciences*

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**Dr. Rodrigo Franco Muñoz**

*Member of the redesign committee of the Master's in Urban Planning*

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*Deputy Director of Regionalization, General Directorate of Geography and Environment at INEGI*

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*Graduated from the Master's Degree in Urban Planning Generation 2015-2017*

**Lic. Daniela M. Aldana Aguilar**

*Student of the Master's Degree in Urban Planning*

*Generation 2018--2019*