

# PROCEDURE FOR ISSUING ACCREDITATION FOR ASSOCIATE PROFESSORS AND FULL PROFESSORS

© Author: Catalan University Quality Assurance Agency, 2025

C. d'Enric Granados, 33 08007 Barcelona

Approved by the Research Assessment Commission (CAR) on 19 March 2025.

This procedure is valid from 1 April 2025.

1st edition: March 2025

The contents of this document are licensed under a Creative Commons <u>Public Domain Dedication</u> (CCO 1.0 Universal). The work may be copied, modified, distributed and communicated to the public, including for commercial purposes, without permission.



# **SUMMARY**

INTRODUCTION	5
REQUIREMENTS	
SUBMITTING APPLICATIONS	9
Documentation	9
ASSESSMENT	12
AQU Catalunya action protocol in cases of fraud in teaching staff assessment processes	12
Assessment commissions	12
Assignment of files to commissions	13
Assessment	14
Notification of assessments	14
Assessment deadline	14
Appeals	15
META-ASSESSMENT	16
ANNEX 1: CLASSIFICACIÓ DE LES ÀREES DE CONEIXEMENT	17

#### INTRODUCTION

The accreditation of associate professors (research accreditation, according to Act 1/2003, of 19 February) and the accreditation of full professors (advanced research accreditation, according to Act 1/2003, of 19 February) certify compliance with a quality and experience threshold in research, knowledge transfer, teaching and, if applicable, scientific leadership and management activities. These accreditations allow candidates to apply for teaching positions as associate professors and full professors at Catalan public universities.

Previous research and advanced research accreditations issued by the Research Assessment Commission (CAR) remain valid when applying for the positions of associate professor and full professor.

Teaching assessments are secondary or indirect based on the quality indicators associated with the merits that applicants include on their CVs. Similarly, applicants have the option of including an account in their CV of the activity they have carried out and the quality of the resulting outcomes. The account complements and influences the assessment of the contributions and the activity carried out, especially when the quality of the person's contribution cannot be directly demonstrated or the number of contributions is below the minimum thresholds established to obtain sufficiency in the dimensions that form part of the assessment. Under no circumstances does the account replace the CV or the assessment of the quality of the contributions made by the applicant through objectifiable and demonstrable parameters.

On 17 December 2024, the CAR approved <u>The agreement of the Research Assessment Commission on measures to guarantee equality and work-life balance in the assessment of teaching and research staff.</u>

#### REQUIREMENTS

Applications will not be accepted from those who do not fulfil the following requirements:

- 1. Hold a doctorate degree.
- 2. Accredit nine months of academic mobility (except for people who are exempt). Have carried out research or teaching activities and, where applicable, knowledge transfer and exchange, for a cumulative period of at least nine months, at universities or research centres other than the institution to which the doctoral thesis was submitted. Mobility can be carried out in Catalan, state and foreign institutions as long as effective research, teaching and/or transfer activity is demonstrated in the host institution or institutions. Simply participating in joint research projects is expressly excluded. Activities carried out exclusively during the post-doctoral training period are considered. Multiple academic stays of at least one month can be combined to meet the requirement.

Exemptions to the mobility requirement:

- Applicants who, at the time of the entry into force of the Organic Act on the University System (LOSU), on 12 April 2023, have a positive evaluation for university professor or have started the process to obtain it or have a contract as a tenureeligible lecturer, permanent contract lecturer (PhD not necessary) or associate lecturer. Applicants on temporary contracts as associate lecturers or full professors are also exempt, as are those with other temporary contracts with accreditation for these roles.
- > Those who can provide documentary evidence of prolonged situations that have prevented them from complying with the mobility requirement due to disability, illness, work-life balance or care for minors, family members or dependants, or due to leave of absence to care for a child or a family member or due to gender-based violence or terrorist violence, as well as in other justified situations, may be exempted from the mobility requirement.
- 3. To simultaneously accredit a minimum track record and teaching experience, which are specified below for each of the accreditations:

	Accreditation for associate professors	Accreditation for full professors
Minimum track record and teaching experience	Four years full-time, or the equivalent part-time. In general, a minimum of <b>30 ECTS credits or 300 teaching hours</b> during this period. Exceptionally, three-year teaching careers may be	Ten years full-time, or the equivalent part-time. A minimum of <b>140 ECTS or 1,400 teaching hours</b> . This calculation also includes teaching carried out under predoctoral and post-doctoral contracts.  The number of teaching hours may be lower in those cases in which there is a

considered provided that a minimum of 30 ECTS credits have been taught<sup>1</sup>. Depending on the case, the following exceptions apply:

- Teaching load: for applicants with pre-doctoral and/or post-doctoral contracts other than those of tenure-eligible lecturer (contracted assistant lecturer), part-time faculty position or other teaching positions, the minimum requirement is 15 ECTS credits or 150 hours of teaching.
- > Teaching commitment: postdoctoral contracts are considered to be full-time. In the case of predoctoral assistants, they are considered part-time, and as long as the supervised teaching capacity possible for the type of assistant is fully covered.

formally recognised reduction in teaching due to an intensification in research, for example, through the ICREA Acadèmia programme, or for other justified reasons, such as single-person management positions.<sup>1</sup>

Exemption from the minimum teaching experience requirement

Those people who can demonstrate exceptional research results and who have carried out their career mainly in a non-university institution dedicated to research, or in a foreign university in which the calculation and measurement instruments of teaching activity are difficult to transfer to the Catalan Higher Education System, can obtain accreditation without the need to meet the set of requirements and merits of teaching experience, once the corresponding specific commission of the CAR has verified these facts.

#### Please note

Applications for associate professor accreditation will not be accepted for processing if the candidate already holds a research or advanced research accreditation issued by AQU Catalunya, as these have permanent validity.

<sup>&</sup>lt;sup>1</sup> When the applicant has combined different types of contracts, the total calculation will be calculated proportionally to the time spent on each contract. Associate teaching and substitute teaching contracts with a teaching load of six hours per week (180 hours of annual teaching capacity) will be considered full-time. The rest of the associate and substitute teaching contracts are considered part-time. Where the contract term is not annual or for the full academic year, the proportional part shall be counted.

Submitting an application for accreditation as an associate professor is incompatible with simultaneously submitting an application for accreditation as a full professor.

No new application will be accepted until the previous one has been resolved.

If accreditation as an associate professor is denied, a year must elapse from the date of submission of the last application before a new application for accreditation as an associate professor or an application for accreditation as a full professor can be submitted.

If accreditation as a full professor is denied, the applicant may submit a new application for accreditation as an associate professor, while a year must elapse from the date of submission of the last application before a new application for accreditation as a full professor can be submitted.

The AQU Research Assessment Committee recognises that obtaining accreditation for full professor includes obtaining accreditation for associate professor.

#### SUBMITTING APPLICATIONS

Applications must be submitted electronically through the Procedures (Tràmits) section of the Generalitat de Catalunya's website. To carry out the procedure, the applicant will need to identify themselves with one of the valid digital identification mechanisms such as idCAT Mòbil, Cl@ve, DNI electrònic, idCAT Certificat, FNMT, T-CAT, etc.

Before starting the application, the applicant must prepare the necessary documentation to be able to carry out the accreditation procedure.

To help with the assessment, applicants should state their knowledge area and up to two specific commissions in their knowledge area in their application, in accordance with the classification of knowledge areas in Annex 1.

There is a <u>fee</u> payable on the issue of accreditations, which must be made using the methods offered by the Generalitat de Catalunya's Procedures portal. To obtain a fee reduction, applicants must present the large family or single-parent certificate (only if the applicant does not authorise online data checks through the Platform for Integration and Administrative Collaboration, or PICA in Catalan).

#### **Documentation**

All documentation must be submitted in digital format through the Procedures section of Gencat.cat within five working days from the day after the application is submitted.

The following documentation must be provided:

- > National Identity Card (DNI) or passport (only if the applicant does not authorise online data checks through PICA).
- > **Doctoral degree** (only for foreign doctorates and for cases in which the applicant does not authorise online data checks through PICA).
- Form accrediting compliance with the mobility requirement, in accordance with the model published on the website, and its supporting documentation in a single file (preferably PDF). The data entered on the form must strictly match the certification(s) submitted.
  - If applicable, certification of exemption from the academic mobility requirement.
- Curriculum vitae (standardised model available on the AQU Catalunya website). The curriculum vitae must contain an account section on the quality, relevance and impact of the contributions with respect to the dimensions evaluated, in accordance with the

instructions provided in the curriculum vitae model. The applicant must indicate all the data that identifies the merits included in the CV. Publications must include a clickable link to the publication, as well as indexes of quality and impact.

- > If applicable, research award or awards to demonstrate sufficient research merit and knowledge transfer and exchange as defined by the assessment criteria (in a single file, preferably PDF).
- > For research stays, applicants must provide a **research or transfer certification** issued by the host university or research centre stating the start and end dates of the stay (day/month/year). Research certifications must be submitted in a single file (preferably PDF). Uncertified research stays will not be considered for the purposes of the assessment.
- > As for accrediting professional experience, applicants must provide a **employment history report** (informe de vida laboral).
- > Only in the case of accreditations for **full professor**. Official certification of supervised **theses.** A certification issued by the relevant vice-rectorate is required, containing the following information: the title and date of the thesis, the name of the doctor, the name of the supervisor (or supervisors) and the grade obtained. Certifications must be submitted in a single file (preferably PDF). Uncertified supervised doctoral theses will not be considered for the purposes of the assessment.
- > Only in the case of accreditations for **full professor**. For research projects, a Principal Investigator **(PI or co-PI)** certification issued by the university or research centre is required, stating the title of the project, the funding entity, the award reference, the amount awarded and the duration of the project. Certifications must be submitted in a single file (preferably PDF). Research projects that are not officially certified by the relevant vice-rectorate will not be considered for assessment.
- Only in the case of accreditations for associate professors. A certification of participation in competitive research projects issued by the university or research centre is required, stating the title of the project, the funding entity, the award reference, the amount awarded and the duration of the project. Certifications must be submitted in a single file (preferably PDF). Research projects that are not officially certified by the relevant vice-rectorate will not be considered for assessment.
- > The minimum requirement of formal university teaching requires simultaneous accreditation of the minimum requirements of teaching track record and teaching experience. The following is required:
  - Service record, issued by the person responsible for human resources and/or staff
    of the corresponding institution, stating the applicant's dedication regime,
    professional category and the day, month and year of the start of the relationship
    with the centre.

- Certification of teaching commitment. Certification issued by the university stating the teaching commitment in the terms indicated in the model published on the Agency's website. Certifications must be submitted in a single file (preferably PDF).
  - If applicable, a certification of the exceptions or reduction of the teaching activity requirement, based on the assessment criteria of the call for applications.
- > The assessment of the teaching dimension requires supporting documentation for the merits listed in the corresponding section of the CV:
  - Teaching quality certification. DOCENTIA certification or similar from other
    member agencies of the REACU network. As a general rule, applicants must provide
    positive evaluations of their teaching carried out by their universities as evidence of
    the quality of the teaching assignment carried out using a teaching evaluation
    manual certified by AQU Catalonia, or by a similar programme run by the other
    member agencies of the network.
  - Direct assessment will be carried out by the specific CAR committees only in those cases in which assessment based on the university course guide has not been possible because the necessary requirements to apply for it have not been met. If this exceptional situation arises, the applicant must provide:
    - Certification of teaching commitment. Certification issued by the university stating the teaching commitment in the terms indicated in the model published on the Agency's website. All teaching must be submitted in a single file (preferably in PDF format).
      - It is not necessary to submit the same information more than once: if it has already been attached to the application in the minimum teaching requirements section, it is not necessary to attach it again.
    - Teaching quality evidence document. Student satisfaction surveys, report
      from an academic manager regarding the quality of teaching activity and/or
      certification of award for teaching innovation projects. These documents
      must be presented in a single file (preferably in PDF format).
- Accepted publications. Publications referenced in the CV template should not be attached. However, in the event that publications are accepted but pending publication, the work must be attached, with a document justifying the definitive acceptance of the publication by the publisher, in a single file (preferably PDF).

**Up to three e-mail addresses** of renowned academics can be provided in the application so that they can issue a confidential assessment report on the academic track record of the applicant. These people will receive an email with a form to fill in and send the assessment report.

#### **ASSESSMENT**

Teaching Staff and Research Department staff review the documentation provided by the applicant and checks that it is complete. It also carries out an *ex officio* check of the merits included in the CV. If the need to rectify or improve the application or the documentation is detected, which according to the assessment procedure is considered necessary to continue with the evaluation process, the applicant will be notified of the documentation that must be provided or amended, within 10 working days. Failing to do so will result in the application being rejected.

Teaching staff are assessed based on the quality indicators associated with the merits that applicants add to their CVs (e.g. the prestige of the publishers or journals where they publish, citations received or indicators that the publications have had an impact). In other words, the commissions consider research papers after they have undergone the peer review process. In cases where impact indicators are updated midway through the assessment process, the value indicator at the time of submission will be used.

# AQU Catalunya action protocol in cases of fraud in teaching staff assessment processes

When applying for the Agency's assessment processes, applicants must declare and sign a clause in the "Application" document in which they declare that the information provided in all the documentation submitted with the application is true and, if this is not the case, they assume responsibility for any inaccuracies that may be contained therein. Failure to provide truthful information will result in the application being declared null and void for all purposes. When the corresponding assessment committee detects inaccuracies in the information provided by the applicant, it will initiate the actions described in the <u>AQU Catalunya action protocol in cases of fraud in teaching staff assessment processes</u>, while guaranteeing the legality in force with regard to safeguarding the rights of the persons assessed.

#### Assessment commissions

According to Article 12 of Act 15/2015, of 21 July, on the Catalan University Quality Assurance Agency, the Research Assessment Commission (CAR) and its specific commissions are responsible for issuing accreditations for associate professors and accreditations for full professors. The composition and characteristics of these commissions are regulated by Act 15/2015, of July 21, of the Catalan University Quality Assurance Agency and by the CAR's internal operating regulations.

The CAR has established the following specific commissions responsible for issuing accreditations for associate professors and accreditation for full professors:

# Accreditations for associate professors (accreditation of research, according to Act 1/2003, of 19 February)

- > Commission for the accreditation of research in the field of Humanities
- > Commission for the accreditation of research in the field of Social Sciences
- > Commission for the accreditation of research in the field of Experimental Sciences
- > Commission for the accreditation of research in the field of Life Sciences
- > Commission for the accreditation of research in the field of Health and Medical Sciences
- > Commission for the accreditation of research in the field of Engineering and Architecture

# Accreditations for full professors (accreditation of advanced research, according to Act 1/2003, of 19 February)

- > Commission for the accreditation of advanced research in the field of Humanities
- > Commission for the accreditation of advanced research in the field of Social Sciences
- > Commission for the accreditation of advanced research in the field of Experimental Sciences
- > Commission for the accreditation of advanced research in the field of Life Sciences
- > Commission for the accreditation of advanced research in the field of Medical and Health Sciences
- > Commission for the accreditation of advanced research in the field of Engineering and Architecture

The composition of the aforementioned commissions can be viewed on the AQU Catalunya website.

# Assignment of files to commissions

The Teaching Staff and Research Department preliminarily assigns the reviewed and complete files to fields of specialisation, according to the applicant's research track record. The assessment commissions are grouped into six major fields of knowledge: Humanities, Social Sciences, Experimental Sciences, Life Sciences, Medical and Health Sciences, and Engineering and Architecture. These fields comprise 192 different knowledge areas grouped into 24 branches of knowledge (see Annex 1).

Subsequently, the chairperson of each specific commission reviews the documentation provided and the academic and scientific track record of the applicant, confirming or modifying the preliminary assignment.

#### **Assessment**

Once the files have been assigned to the commissions, the committee chairpersons appoint at least two reviewers for each application, one of whom must always be a member of the specific commission. The other people assigned to each file can be both members of the commission and external experts. The reviewers always belong to the branch of knowledge to which the file has been assigned. For example, if an applicant belongs to the Human Geography knowledge area, the two reviewers assigned are part of the Geography branch, which encompasses the knowledge areas of Regional Geographic Analysis, Human Geography and Physical Geography. In this way, AQU Catalunya and its commissions ensure that applications are always assessed, at least, by two experts in the applicant's branch of knowledge (see Annex 1).

The assigned reviewers, in accordance with the assessment criteria published on the AQU Catalunya website, write a mandatory and non-binding preliminary assessment report that they submit to the corresponding specific commission.

In accordance with current regulations, applicants may ask the chairperson of the Research Assessment Commission to disqualify the reviewers. Evidence must be provided in support of the motives for any such recusal. To be able to resolve recusal requests with sufficient guarantees, applicants are recommended to process them within three weeks of submitting the application.

Preliminary assessment reports form part of the assessment file and, in accordance with scientific peer review assessment practice, are identified with the field of knowledge to which the reviewers belong.

The specific assessment commission deliberate and assess all applications considering the preliminary assessment reports, determines the positive or negative direction of the application by agreement of its members and justifies negative assessments. This agreement is certified by the document entitled *Overall assessment report*.

Once the outcome of the assessment has been agreed, the secretary of the corresponding specific commission approves or rejects the accreditation for associate professors or full professors.

#### Notification of assessments

Applicants receive a formal notification, in accordance with applicable regulations, which contains the positive or negative outcome of the assessment, and, if negative, the overall assessment report with the score in the different dimensions assessed.

#### Assessment deadline

The final deadline for deciding on applications is six calendar months from submitting the application.

# **Appeals**

An appeal may be lodged with the Appeals Commission against the assessment decisions of the specific commissions within a period of one month starting from the day after the date of receipt of the notification.

During the appeal process, the person must identify, among other things, their personal details and state the reasons for lodging the appeal. The deadline for the resolution of appeals is three months from the date of its submission. The resolution of the appeal is notified in accordance with the provisions of the applicable regulations. A contentious administrative appeal may be filed against the resolution of the appeal.

### **META-ASSESSMENT**

For the continuous improvement of the assessment process, AQU Catalunya has mechanisms in place to carry out the meta-assessment of teaching evaluation processes. Therefore, satisfaction surveys are conducted with applicants and reviewers, and the chairpersons of the specific commissions prepare an annual report. Likewise, the Agency periodically reports to the AQU Catalunya Governing Board on the actions of the teaching evaluation commissions. Finally, the results of the calls are published, and specific studies are carried out on the results of the teaching evaluation processes.

# ANNEX 1: CLASSIFICACIÓ DE LES ÀREES DE CONEIXEMENT

# Humanities

Code	Area of specialisation	Subject area
285	Arabic and Islamic Studies	
568	East Asian Studies	
290	Hebrew and Aramaic Studies	
320	German Philology	
345	English Philology	
365	Basque Philology	
325	Catalan Philology	
327	Slavic Philology	
335	French Philology	
340	Greek Philology	Dhilalami
350	Italian Philology	— Philology
355	Latin Philology	
360	Romanesque Philology	
370	Galician and Portuguese Philologies	
575	General Linguistics	
580	Indo-European Linguistics	
583	Spanish Literature	
567	Spanish Language	
796	Theory of Literature and Compared Literature	
814	Translation and Interpreting	
30	Social Anthropology	
33	Archaeology	
85	Historiographic Sciences and Techniques	
185	Drawing	
260	Sculpture	
270	Aesthetics and Theory of the Arts	
285	Arabic and Islamic Studies	
568	East Asian Studies	
290	Hebrew and Aramaic Studies	History and Aut
445	Ancient History	History and Art
450	Contemporary History	
455	History of America	
465	History of Art	
460	History of Science	
485	Medieval History	
490	Modern History	
635	Music	
690	Painting	

695	Prehistory	
270	Aesthetics and Theory of the Arts	
381	Philosophy of Law	
375	Philosophy	Filosophy
383	Moral Philosophy	
585	Logic and Philosophy of Science	

# Social Sciences

Code Area of specialisation  70 Political and Administrative Science 475 History of Social Thought and Movements 775 Sociology  40 Library Science and Documentation 105 Audiovisual Communication and Advertising 675 Journalism  125 Administrative Law 130 Civil Law 135 Constitutional Law 140 Labour and Social Security Law 145 Ecclesiastical Law of the State 150 Financial and Tax Law 155 Private International Law and International Relations 165 Company Law 170 Criminal Law 175 Procedural Law	
History of Social Thought and Movements  Sociology  Library Science and Documentation  Audiovisual Communication and Advertising  Journalism  Administrative Law  Civil Law  Constitutional Law  Labour and Social Security Law  Lescelesiastical Law of the State  Financial and Tax Law  Private International Law and International Relations  Communication and Documentation  Communication and Documentation  Communication and Documentation  Documentation  Law  Law  Law  Law  Law  Law  Criminal Law  Company Law  Criminal Law	
T75 Sociology  40 Library Science and Documentation 105 Audiovisual Communication and Advertising 675 Journalism 125 Administrative Law 130 Civil Law 135 Constitutional Law 140 Labour and Social Security Law 145 Ecclesiastical Law of the State 150 Financial and Tax Law 155 Private International Law 160 Public International Law and International Relations 165 Company Law 170 Criminal Law	i —
Library Science and Documentation Audiovisual Communication and Advertising Documentation  125 Administrative Law 130 Civil Law 135 Constitutional Law 140 Labour and Social Security Law 145 Ecclesiastical Law of the State 150 Financial and Tax Law 155 Private International Law 160 Public International Law and International Relations 165 Company Law 170 Criminal Law	i —
Audiovisual Communication and Advertising  Journalism  125 Administrative Law  130 Civil Law  135 Constitutional Law  140 Labour and Social Security Law  145 Ecclesiastical Law of the State  150 Financial and Tax Law  155 Private International Law  160 Public International Law and International Relations  165 Company Law  170 Criminal Law	<b>.</b>
125 Administrative Law 130 Civil Law 135 Constitutional Law 140 Labour and Social Security Law 145 Ecclesiastical Law of the State 150 Financial and Tax Law 155 Private International Law 160 Public International Law and International Relations 165 Company Law 170 Criminal Law	
125 Administrative Law 130 Civil Law 135 Constitutional Law 140 Labour and Social Security Law 145 Ecclesiastical Law of the State 150 Financial and Tax Law 155 Private International Law 160 Public International Law and International Relations 165 Company Law 170 Criminal Law	
130 Civil Law 135 Constitutional Law 140 Labour and Social Security Law 145 Ecclesiastical Law of the State 150 Financial and Tax Law 155 Private International Law 160 Public International Law and International Relations 165 Company Law 170 Criminal Law	
135 Constitutional Law 140 Labour and Social Security Law 145 Ecclesiastical Law of the State 150 Financial and Tax Law 155 Private International Law 160 Public International Law and International Relations 165 Company Law 170 Criminal Law	
140 Labour and Social Security Law  145 Ecclesiastical Law of the State  150 Financial and Tax Law  155 Private International Law  160 Public International Law and International Relations  165 Company Law  170 Criminal Law	
145 Ecclesiastical Law of the State 150 Financial and Tax Law 155 Private International Law 160 Public International Law and International Relations 165 Company Law 170 Criminal Law	
155 Private International Law 160 Public International Law and International Relations 165 Company Law 170 Criminal Law	
160 Public International Law and International Relations 165 Company Law 170 Criminal Law	
160 Public International Law and International Relations 165 Company Law 170 Criminal Law	
170 Criminal Law	
175 Procedural Law	
175 Procedural Law	
180 Roman Law	
381 Philosophy of Law	
470 History of Law and Institutions	
95 Commercialisation and Market Research	
225 Applied Economics	
230 Financial Economics and Accounting	
235 Economy, Sociology and Agricultural Policy Economy and	
415 Foundations of Economic Analysis  Business	
480 Economic History and Institutions	
623 Quantitative Methods for Business and Economics	
650 Organisation of Businesses	
187 Didactics of Corporal Expression	
189 Didactics of Musical Expression	
193 Didactics of Plastic Expression	
195 Didactics of Language and Literature	
200 Didactics of Mathematics	
205 Didactics of the Experimental Sciences  Education	
210 Didactics of the Social Sciences	
215 Didactics and School Organisation	
245 Physical and Sports Education	
Research and Diagnostic Methods in Education	
805 Theory and History of Education	
813 Social Work and Social Services	

620	Methodology of the Behavioural Sciences	
	Personality, Assessment and Psychological	
680	Treatments	
725	Psychobiology	Psychology
730	Basic Psychobiology	
735	Evolutionary and Educational Psychology	
740	Social Psychology	
10	Regional Geographical Analysis	
430	Physical Geography	Geography
435	Human Geography	

# Sciences

Code	Area of specialisation	Subject area
38	Astronomy and Astrophysics	
247	Electromagnetism	
250	Electronics	
385	Applied Physics	
390	Atomic, Molecular and Nuclear Physics	
395	Condensed Matter Physics	
398	Earth Physics	Dhysics
405	Theoretical Physics	Physics
600	Fluid Mechanics	
	Continuous Media Mechanics and Theory of	
605	Structure	
647	Optics	
770	Radiology and Physical Medicine	
785	Electronic Technology	
120	Crystallography and Mineralogy	
240	Edaphology and Agricultural Chemistry	
280	Stratigraphy	
398	Earth Physics	
428	External Geodynamics	Geology
427	Internal Geodynamics	
655	Palaeontology	
685	Petrology and Geochemistry	
710	Prospecting and Mining Research	
5	Algebra	
15	Mathematical Analysis	
265	Statistics and Operative Research	Mathematics
440	Geometry and Topology	
595	Applied Mathematics	
240	Edaphology and Agricultural Chemistry	
750	Analytical Chemistry	
755	Physical Chemistry	Chemistry
760	Inorganic Chemistry	
765	Organic Chemistry	

# Life Sciences

Code	Area of specialisation	Subject area
28	Physical Anthropology	
50	Cell Biology	
60	Molecular Biology and Biochemistry	
410	Physiology	Molecular and Cell
420	Genetics	Biology
566	Immunology	
630	Microbiology	
640	Nutrition and Bromatology	
28	Physical Anthropology	
63	Botany	
220	Ecology	
240	Edaphology and Agricultural Chemistry	—— Organisms and
410	Physiology	
412	Plant Physiology	Systems
705	Plant Production	
790	Environmental Technologies	
819	Zoology	

# Health and Medical Sciences

Code	Area of specialisation	Subject area
50	Cell Biology	•
60	Molecular Biology and Biochemistry	
310	Pharmacy and Pharmaceutical Technology	
315	Pharmacology	
410	Physiology	
420	Genetics	
566	Immunology	— Biomedicine
630	Microbiology	
640	Nutrition and Bromatology	
725	Psychobiology	
780	Food Technology	
807	Toxicology	
25	Compared Anatomy and Pathological Anatomy	
27	Human Anatomy and Embryology	
20	Pathological Anatomy	
90	Surgery	
183	Dermatology	
275	Stomatology	
413	Physical Therapy	
443	Histology	
255	Nursing	
610	Medicine	
613	Legal and Forensic Medicine	Medicine
615	Preventive Medicine and Public Health	
645	Obstetrics and Gynaecology	
646	Ophthalmology	
653	Otorhinolaryngology	
660	Parasitology	
670	Paediatrics	
745	Psychiatry	
770	Radiology and Physical Medicine	
830	Orthopaedics and Traumatology	
817	Urology	
25	Compared Anatomy and Pathological Anatomy	
617	Veterinary Medicine and Surgery	— Votorinamy Madiaina
700	Animal Production	Veterinary Medicine
773	Animal Health	

# **Engineering and Architecture**

	A 6 11 12 12	C 1 ' 1
	Area of specialisation	Subject area
100	Architectural Composition	
110	Architectural Constructions	
300	Architectural Graphic Expression	Architecture
715	Architectural Projects	
815	Urban Design and Territorial Planning	
500	Agro-Forestry	
700	Animal Production	— Agricultural
705	Plant Production	
780	Food Technology	- Engineering
790	Environmental Technologies	
	Cartographic Engineering, Geodesics and	
505	Photogrammetry	
510	Construction Engineering	
525	Terrain Engineering	
540	Hydraulic Engineering	
530	Transport Engineering and Infrastructure	— Civil Engineering
295	Mine Operation	
	Continuous Media Mechanics and Theory of	
605	Structure	
710	Prospecting and Mining Research	
65	Material Science and Metallurgical Engineering	
83	Navigational Sciences and Techniques	
115	Shipbuilding	
495	Aerospace Engineering	
520	Systems Engineering and Automatic Systems	
515	Manufacturing Process Engineering	
535	Electrical Engineering	
545	Mechanical Engineering	
550	Nuclear Engineering	<ul> <li>Industrial Technologies</li> </ul>
555	Chemical Engineering	
565	Textile and Paper Engineering	
305	Graphic Expression in Engineering	
590	Heat Engines and Machines	
600	Fluid Mechanics	
720	Engineering Projects	
785	Electronics Technology	
	Computer Architecture and Technology	
35	· · · · · · · · · · · · · · · · · · ·	— Information and
75	Computing Science and Artificial Intelligence	<ul> <li>Communication</li> </ul>
250	Electronics Tolomotic Engineering	Technologies
560	Telematic Engineering	

570	Computer Languages and Systems
785	Electronics Technology
800	Signal Theory and Communications

Catalan University Quality Assurance Agency

March 2025 · METAQU-032-2025-EN



Web:  $\underline{www.aqu.cat}$  · X: @aqucatalunya