



**AQU CATALUNYA**

# **PROCEDURE FOR THE ISSUANCE OF REPORTS FOR UNIVERSITY TENURE-TRACK LECTURERS AND THE ACCREDITATION OF RESEARCH (SENIOR FACULTY STAFF) AND ADVANCED RESEARCH (PROFESSORIAL STAFF)**

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## INTRODUCTION

Possession of a pre-selection evaluation report is a prerequisite for participating in a selection process for the recruitment of lecturers at a public university in Catalonia

The accreditation of either research and/or advanced research certifies the attainment of a level of excellence in research within a given field of study and makes the holder eligible to participate in selection processes for the category of either senior lecturer or professor, respectively.

Teaching staff assessment is based secondarily and indirectly on the quality indices associated with the merits provided in an applicant's CV. This means that a review panel is not expected to read a research project submitted by the applicant.

## ELIGIBILITY REQUIREMENTS

Applicants for a tenure-track lecturer report must be in possession of a doctorate/PhD degree.

Applicants for the accreditation of research and advanced research must:

1. Be in possession of a doctorate/PhD degree.
2. Have more than three years post-doctoral research experience.

Applications that do not comply with these requirements will not be accepted.

### **NB**

An application for advanced research accreditation is incompatible with a simultaneous application for research accreditation.

**In the case where an application for advanced research accreditation is rejected**, the applicant may submit a new application for research accreditation in the following call for applications. For the accreditation of advanced research, however, a new application may only be made in the next call for applications but one (i.e. not the next call, but the one after that) or one full year following the previous call for applications to which an application has been made.

**In the case where an application for advanced research accreditation is rejected**, a new application for the accreditation of either research or advanced research may only be made in the next call for applications but one (i.e. not the next call, but the one after that) or one full year following the previous call for applications to which an application has been made.

## ANNOUNCEMENT OF THE CALLS

There are two times during the year when AQU Catalunya issues reports for tenure-track university lecturers and the accreditation of research and advanced research. The resolutions officially establishing the calls for applications are published annually by the Agency's Research Assessment Commission (CAR) in the Official Journal of the Autonomous Government of Catalonia (DOGC).

The resolutions establish:

1. The application periods and deadlines for applications for the issuance of reports and accreditations.
2. The eligibility requirements.
3. The required documentation.
4. The aspects that are evaluated by the review committees.
5. The evaluation criteria and publicising of the criteria.
6. The procedure for making an appeal.
7. Protection of personal data.

## SUBMITTING AN APPLICATION

Applications are made online via the Generalitat de Catalunya's on-line applications webpage (Tràmits Gencat).

As a guideline, all applications must state the applicant's subject area and up to two subject-specific review committees covering subjects in the same subject area as that of the applicant, in accordance with Annex 1 on the classification of subject areas.

The corresponding fee must also be paid according to the instructions given on the AQU Catalunya website.

## Documentation

All documentation must be submitted in digital format through the on-line applications website (Tràmits Gencat):

- > Step one is to complete the *application form*. The form, which can be downloaded from the Generalitat de Catalunya's on-line applications webpage (Tràmits Gencat), has to be filled out and returned online via the webpage.
- > Step two is to send all the documentation required in the call for applications. All documentation must be sent in digital format via the Generalitat de Catalunya's on-line applications webpage (Tràmits Gencat) within five (5) days of sending the application form. It is not necessary to send a printed copy.

The documentation must include the following:

### For the issuance of reports for tenure-track lecturers

- > The applicant's CV (use the standard form that can be downloaded from the AQU website).
- > The applicant's complete official academic transcript of records (undergraduate studies with the average grade, and Master's and doctorate studies).
- > The official certificate issued by the university on the applicant's degree-related teaching work. For evaluation purposes, any non-certified degree-related teaching work will not be taken into consideration
- > For applicants who have carried out stays (periods) of research, a certificate issued by the institution with the duration and work carried out must be submitted. For assessment purposes, research stays that are not officially certified cannot be taken into consideration
- > It is not necessary to submit publications referred to in the CV form. In the case of publications that have been accepted but are pending publication, a copy must be submitted on-line together in one single file (preferably in.pdf format) with the supporting document of acceptance for publication from the publishing house.
- > A copy of the applicant's identity card or passport (only in cases where an applicant has not given authorisation for on-line data exchange/PICA)<sup>1</sup>.
- > A copy of the large family concession certificate (in cases where an applicant has not given authorisation for on-line data exchange/PICA).
- > Title of the applicant's PhD/doctorate degree (only for foreign doctorate degrees and cases where an applicant has not given authorisation for on-line data exchange/PICA).

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<sup>1</sup> The Catalan authorities' integrated administration database (PICA, Plataforma d'Integració i Col·laboració Administrativa)

- > Up to three assessment reports from academics of recognised standing on the applicant's teaching and research work may be submitted. The e-mail addresses of these academics is to be provided in the Assessment Reports section of the application form available from the Generalitat de Catalunya's on-line applications webpage (Tràmits Gencat), and they will be asked to write a confidential reference on the applicant's academic/research career. Although these assessment reports are optional, the Specific Assessment Committees value very positively reports issued by researchers of recognised academic prestige in their field.

### For the accreditation of research and advanced research

- > **The applicant's CV** (use the standard form that can be downloaded from the AQU website). The CV must include a section with a summary no more than one page long of the applicant's scientific background, together with the applicant's ten most important scientific contributions. With regard to sections B (Publications), C (Artistic works and architectural projects) and D (Patents and utility models) of the CV, all information identifying the stated merits must be provided; any such merits will otherwise not be considered in the evaluation.
- > In relation to **directed doctoral theses**, a certificate issued by the university with the following information must be enclosed: the title of the doctoral thesis and the date of the dissertation defense, the name of the doctorate degree holder, the name of the director or directors, and the qualification obtained.
- > Publications referred to in the CV form do not need to be submitted. In the case of publications that have been accepted but are pending publication, a copy must be submitted on-line together in one single file (preferably in.pdf format) with the supporting document of acceptance for publication from the publishing house.
- > A copy of the applicant's identity card or passport - only in cases where an applicant has not given authorisation for on-line data exchange (PICA).
- > A copy of the large family concession certificate (in cases where an applicant has not given authorisation for on-line data exchange/PICA).
- > Title of the applicant's PhD/doctorate degree (only for foreign doctorate degrees and cases where an applicant has not given authorisation for on-line data exchange/PICA).
- > Up to three assessment reports from academics of recognised standing on the applicant's teaching and research work may be submitted. The e-mail addresses of these academics is to be provided in the Assessment Reports section of the application form available from the Generalitat de Catalunya's on-line applications webpage (Tràmits Gencat), and they will be asked to write a confidential reference on the applicant's academic/research career. Although these assessment reports are optional, the Specific Assessment Committees value very positively reports issued by researchers of recognised academic prestige in their field.

## EVALUATION

### Review of the documentation

Once the deadline for applications has passed, the Agency's Teaching Staff and Research section checks all the documentation submitted with each application to ensure that it is complete. Each applicant is then notified of any irregularities or anything that still needs to be provided or changed. A period of ten days is allowed for this, otherwise the application will be rejected.

Teaching staff assessment is based on the quality indices associated with the merits provided in an applicant's CV (e.g. the reputation of the publisher or journal; citations; impact factors such as the Journal Impact Factor, etc.). This means that review panels take into consideration the peer review of a research project.

In cases where the journal impact factor (JIF) is updated during the review procedure, the valid JIF value will be that given at the closing date of the call.

### Review bodies

Pursuant to article 12 of Law 15/2015, 21 July, on the Catalan University Quality Assurance Agency, AQU's Research Assessment Commission (CAR) and its subject-specific committees are the bodies responsible for issuing reports of relevance to the recruitment of tenure-track lecturers and the accreditation of research and advanced research.

The composition of the Commission and its committees are governed by Law 15/2015, 21 July, on the Catalan University Quality Assurance Agency and the Research Assessment Commission's Rules of Internal Procedure.

The following specific committees, which come under the Research Assessment Commission, are responsible for issuing the accreditation of research and advanced research and reports on tenure-track lecturers:

### Reports on tenure-track lecturers

- > Committee for the assessment of tenure-track lecturers in the Humanities
- > Committee for the assessment of tenure-track lecturers in the Social Sciences
- > Committee for the assessment of tenure-track lecturers in the Experimental Sciences
- > Committee for the assessment of tenure-track lecturers in the Life Sciences
- > Committee for the assessment of tenure-track lecturers in Medical and Health Sciences
- > Committee for the assessment of tenure-track lecturers in Engineering and Architecture



## Accreditation of research

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

## Accreditation of advanced research

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

The composition of the abovementioned committees is published on the AQU Catalunya website.

## Assignment of the applicants' dossiers to the review committees

When an applicant's dossier is complete and has been checked, it is then initially assigned by the Teaching Staff and Research section to a field of study according to the applicant's research background. The committees are grouped according to six main fields of study (Humanities, Social Sciences, Experimental Sciences, Life Sciences, Medical and Health Sciences, and Engineering and Architecture) covering 192 different specialised fields grouped according to 24 main subject areas (see annex 1).

The chairpersons of each committee then check the documentation that has been provided, together with the applicant's scientific and/or teaching background, and either confirm or modify the initial assignment to a specific committee.

## Assessment

Once the applicants' dossiers have been assigned to the specific committees, the chairperson of each committee refers each application to at least two reviewers, one of which must be a member of the committee. The other reviewer/s assigned to each dossier can be either a committee member/s or external expert/s. Reviewers must always be from the specialised field that the dossier has been assigned to. For example, if the applicant's specialised field is Human Geography, the two reviewers who are assigned to the case will be from the field of Geography, which covers the specialised fields of Regional Geographical Analysis, Human Geography and Physical Geography. AQU Catalunya and

its review bodies thereby ensure that applications are always evaluated by at least two experts from the applicant's field of study (see annex 1).

The reviewers, who are assigned according to quality assurance criteria that are publicly available on the AQU website, then draw up a preliminary mandatory and non-binding assessment report, which is in turn referred to the corresponding committee.

In accordance with the current regulations, applicants may, through the chairperson of the Research Assessment Commission, request the disqualification of a reviewer/s. Evidence must be provided in support of the grounds given for such a disqualification. In order to resolve any challenge made regarding the role of a reviewer with adequate guarantees, a disqualification application must be made at least three weeks prior to the setting up of the committee that will review the application for assessment.

The preliminary assessment reports form part of the evaluation dossier and, in accordance with the scientific practice of assessment by peer review, are identified only by the professional category and field of study of the reviewers.

The committee discusses and assesses all of the applications in the light of the preliminary assessment reports, agreement is reached on whether an application is successful or not and the grounds are provided in the case of an unfavourable assessment. All of this is agreed and certified in a document known as the comprehensive evaluation report.

Once the result of the evaluation has been decided, the chairperson of the corresponding specific committee either signs the favourable (or unfavourable) lecturer's report or the accreditation or rejection of accreditation for research or advanced research, according to the call for applications that the applicant has applied to.

## Communication of results

In compliance with the applicable regulations applicants receive a formal notification, which contains the result of the evaluation, which will either be favourable or unfavourable, and, if it is unfavourable, the comprehensive assessment report with the rating for the different dimensions assessed.

## Results deadline

The results of the call for applications are published within six calendar months from the launch of the call.

## Appeals

In the case of disagreement with the assessment decision of the committees, applicants may submit an appeal to the Appeals Committee up to one month from the date of receipt of postal notification or the date of publication of the notice in the Official Journal of the Autonomous Government of Catalonia (DOGC)

An appeal application must include the person's personal data and the reasons why the appeal is being made.

The time limit for a resolution of appeal is three months from the time an appeal is filed.

Notification of the outcome of an appeal will be given in accordance with the prevailing regulations.

If the appeal is unsuccessful, a request for judicial review may be made before the courts.

## META-EVALUATION

AQU Catalunya has established mechanisms in place for the meta-evaluation of the procedures involving the assessment of teaching staff. Surveys on the satisfaction of both applicants and reviewers are carried out, and the committee chairpersons draw up an annual report on calls for applications that have been carried out.

The Agency also annually reports to AQU Catalunya's Governing Board about the activities of the teaching staff review committees. The results for calls for applications are also regularly published and specific studies on teaching staff are also undertaken.

## ANNEX 1: CLASSIFICATION OF THE SUBJECT AREAS

### Humanities

| Code | Area of specialisation                       | Subject area           |
|------|----------------------------------------------|------------------------|
| 285  | Arabic and Islamic Studies                   | <b>Philology</b>       |
| 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                              |                        |
| 350  | Italian 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                             |                        |
| 795  | Theory of Literature and Compared Literature |                        |
| 814  | Translation and Interpreting                 |                        |
| 30   | Social Anthropology                          | <b>History and Art</b> |
| 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                   |                        |
| 445  | Ancient History                              |                        |
| 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            |                        |



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| 381 | Philosophy of Law               |
| 375 | Philosophy                      |
| 383 | Moral Philosophy                |
| 585 | Logic and Philosophy of Science |

## Philosophy

## Social Sciences

| Code | Area of specialisation                                | Subject area                            |
|------|-------------------------------------------------------|-----------------------------------------|
| 70   | Political and Administrative Science                  | <b>Political Sciences and Sociology</b> |
| 475  | History of Social and Political Thought and Movements |                                         |
| 775  | Sociology                                             |                                         |
| 40   | Library Science and Documentation                     | <b>Communication and Documentation</b>  |
| 105  | Audiovisual Communication and Advertising             |                                         |
| 675  | Journalism                                            |                                         |
| 125  | Administrative Law                                    | <b>Law</b>                              |
| 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                                          |                                         |
| 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            |                                         |
| 415  | Foundations of Economic Analysis                      |                                         |
| 480  | Economic History and Institutions                     |                                         |
| 623  | Quantitative Methods for Business and Economics       |                                         |
| 650  | Organisation of Businesses                            |                                         |
| 187  | Didactics of Corporal Expression                      | <b>Education</b>                        |
| 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                |                                         |
| 210  | Didactics of the Social Sciences                      |                                         |
| 215  | Didactics and School Organisation                     |                                         |
| 245  | Physical and Sports Education                         |                                         |
| 625  | Research and Diagnostic Methods in Education          |                                         |
| 805  | Theory and History of Education                       |                                         |
| 813  | Social Work and Social Services                       |                                         |
| 620  | Methodology of the Behavioural Sciences               | <b>Psychology</b>                       |
| 680  | Personality, Assessment and Psychological Treatments  |                                         |
| 725  | Psychobiology                                         |                                         |



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|-----|-----------------------------------------|------------------|
| 730 | Basic Psychobiology                     |                  |
| 735 | Evolutionary and Educational Psychology |                  |
| 740 | Social Psychology                       |                  |
| 10  | Regional Geographical Analysis          | <b>Geography</b> |
| 430 | Physical Geography                      |                  |
| 435 | Human Geography                         |                  |



## Sciences

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



## Life Sciences

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



## Health and Medical Sciences

| Code | Area of specialisation                    | Subject area               |
|------|-------------------------------------------|----------------------------|
| 50   | Cell Biology                              | <b>Biomedicine</b>         |
| 60   | Molecular Biology and Biochemistry        |                            |
| 310  | Pharmacy and Pharmaceutical Technology    |                            |
| 315  | Pharmacology                              |                            |
| 410  | Physiology                                |                            |
| 420  | Genetics                                  |                            |
| 566  | Immunology                                |                            |
| 630  | Microbiology                              |                            |
| 640  | Nutrition and Bromatology                 |                            |
| 725  | Psychobiology                             |                            |
| 780  | Food Technology                           |                            |
| 807  | Toxicology                                |                            |
| 25   | Compared Anatomy and Pathological Anatomy | <b>Medicine</b>            |
| 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               |                            |
| 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 | <b>Veterinary Medicine</b> |
| 617  | Veterinary Medicine and Surgery           |                            |
| 700  | Animal Production                         |                            |
| 773  | Animal Health                             |                            |



## Engineering and Architecture

| Code | Area of specialisation                                 | Subject area                                      |
|------|--------------------------------------------------------|---------------------------------------------------|
| 100  | Architectural Composition                              | <b>Architecture</b>                               |
| 110  | Architectural Constructions                            |                                                   |
| 300  | Architectural Graphic Expression                       |                                                   |
| 715  | Architectural Projects                                 |                                                   |
| 815  | Urban Design and Territorial Planning                  |                                                   |
| 500  | Agro-Forestry                                          | <b>Agricultural Engineering</b>                   |
| 700  | Animal Production                                      |                                                   |
| 705  | Plant Production                                       |                                                   |
| 780  | Food Technology                                        |                                                   |
| 790  | Environmental Technologies                             |                                                   |
| 505  | Cartographic Engineering, Geodesics and Photogrammetry | <b>Civil Engineering</b>                          |
| 510  | Construction Engineering                               |                                                   |
| 525  | Terrain Engineering                                    |                                                   |
| 540  | Hydraulic Engineering                                  |                                                   |
| 530  | Transport Engineering and Infrastructure               |                                                   |
| 295  | Mine Operation                                         |                                                   |
| 605  | Continuous Media Mechanics and Theory of Structure     |                                                   |
| 710  | Prospecting and Mining Research                        |                                                   |
| 65   | Material Science and Metallurgical Engineering         | <b>Industrial Technologies</b>                    |
| 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                                    |                                                   |
| 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                                 |                                                   |
| 35   | Computer Architecture and Technology                   | <b>Information and Communication Technologies</b> |
| 75   | Computing Science and Artificial Intelligence          |                                                   |
| 250  | Electronics                                            |                                                   |
| 560  | Telematic Engineering                                  |                                                   |
| 570  | Computer Languages and Systems                         |                                                   |
| 785  | Electronics Technology                                 |                                                   |
| 800  | Signal Theory and Communications                       |                                                   |





[www.aqu.cat](http://www.aqu.cat)