

THE ANDORRAN FRAMEWORK FOR DIPLOMAS IN HIGHER EDUCATION			A. DIPLOMA DESCRIPTIONS		
<p>The Andorran framework for diplomas in higher education includes all programs in higher education that lead to an official diploma (<i>Diploma Professional Avançat</i>, <i>Bàtxelor</i>, <i>Bàtxelor d'especialització</i>, <i>Màster</i> or <i>Doctorat</i>), on offer by public or private universities and centres for higher education that are recognized by the Government and authorized to teach courses leading to official diplomas.</p>			<p>The different diploma categories distinguish between different levels of knowledge based on a <i>continuum</i> that goes from holding a determined level of knowledge, skills and competences up to the limits of current knowledge, at which new knowledge is created and established hypothesis and methods are revised. Each diploma can be seen as a milestone in the <i>continuum</i> of competences. The descriptions of each diploma give a vision of its aims, admission conditions, orientation and measure in ECTS.</p>		
Descriptors	Level 1	Level 2	Level 3	Level 4	Level 5
Diploma level	<i>Diploma Professional Avançat</i>	<i>Bàtxelor</i>	<i>Bàtxelor d'especialització</i>	<i>Màster</i>	<i>Doctorat</i>
General program conception, with emphasis on learning results	The <i>Diploma Professional Avançat</i> (DPA) leads to obtained competences required to exercise and manage technical and practical functions in a professional field.	The <i>Bàtxelor</i> leads to obtained competences required for a systematic and coherent introduction to knowledge, ideas, principles, concepts, and problem resolution skills within a field, and basic skills in research.	The <i>Bàtxelor d'especialització</i> leads to obtained competences required in order to go further in a certain field starting out from a <i>Bàtxelor</i> within the same field.	The <i>Màster</i> leads to obtained competences required to go further in a certain academic or professional field, acquiring the needed competences in research, methodology, analysis, interpretation and communication.	The <i>Doctorat</i> leads to obtained competences required to reach a high level of intellectual autonomy, conceptualize, conceive and put into practice projects with new knowledge, widening the range of the field through creative activities and research and innovation projects.
Program orientation	- Practical and professional	- General studies in a field of study - Professional	- Specialized studies - Professional	- Research - Professional specialization	- Research - Innovation
General learning outcomes	<p>The holder of a <i>Diploma Professional Avançat</i> must:</p> <ul style="list-style-type: none"> - Prove knowledge and skills required to guarantee productivity in a professional context. - Execute specialized tasks with the support of pertinent knowledge, proving in-depth assessment in certain domains. - Prove the skills acquired in order to execute commands or fulfil established procedure. - Learn with a certain degree of autonomy under supervision. - Prove communication skills in professional circumstances and within a team. 	<p>The holder of a <i>Bàtxelor</i> must:</p> <ul style="list-style-type: none"> - Prove knowledge and skills pertaining to ideas, principles, concepts, problem-solving skills, basic research skills in a field of study. - Prove necessary skills to acquire, understand and evaluate information from a wide range of sources. - Prove intellectual independence, critical thought and analytical rigour. - Learn autonomously. - Perform rigorous analysis and solve problems. - Prove communication skills in public and within a team. 	<p>The holder of a <i>Bàtxelor d'especialització</i> must:</p> <ul style="list-style-type: none"> - Prove specific skills and knowledge in a certain field, starting out from the knowledge pertaining to a <i>Bàtxelor</i> in the same field. 	<p>The holder of a <i>Màster</i> must:</p> <ul style="list-style-type: none"> - Prove advanced knowledge about subjects and professional practice in a specialized field. - Prove mastery of complex theoretical contents. - Analyse, evaluate and discuss in a critical manner discoveries and principles in the field, and apply knowledge to new and complex situations. - Prove communication skills among experts. 	<p>A Doctor must:</p> <ul style="list-style-type: none"> - Prove a systematic comprehension of a field, and mastery of related skills and methods of research. - Conceive, design, and put into practice a process of research or innovation with scientific rigour. - Analyse in a critical manner and synthesize new and complex ideas. - Communicate with the scientific community and society in general. - Promote scientific, technological, social and cultural advancement of society in a scientific and professional context.
Professional orientation and continuation of studies	- Enter a profession in a certain advanced technical or practical field - Continue studies at <i>Bàtxelor</i> level.	- Enter a profession within the field. - Continue studies at <i>Bàtxelor d'especialització</i> or <i>Màster</i> level.	- Enter a profession in a certain field starting out from a <i>Bàtxelor</i> within the same field, and in which further specialized knowledge is necessary.	- Enter a profession in a specialized field. - Continue studies at <i>Doctorat</i> level.	- Enter a profession in which innovation, research and the transmission of knowledge are required.
Access	- Hold a <i>Diploma d'estudis professionals</i> (DEP) within the same professional field. - Hold a <i>Batxillerat</i> . - Succeed an access test for people aged 25 or more. - Succeed in the recognition of prior learning assessment.	- Hold a <i>Batxillerat</i> . - Succeed an access test for people aged 25 or more. - Succeed in the recognition of prior learning assessment. - Hold a DPA.	- Hold a <i>Bàtxelor</i> within the same field.	- Hold a <i>Bàtxelor</i> .	- Hold a <i>Màster</i> .
Requirements in ECTS	Requires a minimum of 120 ECTS.	Requires a minimum of 180 ECTS.	Requires a minimum of 60 ECTS.	Requires a minimum of 120 ECTS.	Requires a minimum of 3 years full-time, the writing and defence of a doctoral thesis.
Institution	University or institutions for higher professional studies	University	University	University	University

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Cognitive skills Depth and width of knowledge: possess and understand knowledge	Skills to: - Acquire skills and knowledge required to guarantee productivity in a professional context. - Understand and perform basic applications within the field.	Skills to: - Acquire knowledge and a general understanding of key concepts, methods, new developments, theoretical approaches and hypothesis associated to a field. - Understand and execute applications of the field, with an interdisciplinary point of view. - Obtain, examine, evaluate and interpret information related to the field. - Acquire aptitudes for critical thought and analysis within and outside the field.	Skills to: - Acquire specialized knowledge and critical understanding of key concepts, methods, new developments, theoretical approaches and hypothesis associated to a speciality. - Understand and execute concrete applications of the speciality, with an interdisciplinary point of view. - Obtain, examine, evaluate and interpret information related to the speciality. - Acquire aptitudes for critical thought and analysis within the field.	Skills to: - Acquire deep understanding in a professional, disciplinary or multidisciplinary field area starting out from a <i>Bàtxelor</i> . - Encompass highly specialized knowledge at the forefront of a professional field o area that establishes the basis for original thinking. - Formulate objective conclusions from possible incomplete or limited information, linked to the professional or academic field.	Skills to: - Understand, leading and innovate a field in a systematic manner. - Advance in the knowledge in the field or multidisciplinary area, producing new knowledge.
Communication skills Aptitudes and capacity to transmit information	Skills to: - Communicate correctly in a professional situation.	Skills to: - Communicate in a precise and trustworthy manner among experts and non experts. - Use structured and coherent arguments based on the concepts and skills of the field.		Skills to: - Communicate information in a precise and trustworthy manner on complex questions among experts and non experts. - Use structured and coherent opinions based on concepts and skills at the forefront of a professional or academic field.	Skills to: - Communicate research results to the scientific and professional communities and society at large. - Produce original scientific publications at international level as a result of one's research.
Practical skills Application of knowledge and skills	Skills to: - Apply knowledge to a range of specialized tasks in a professional field. - Solve precise problems in the professional field.	Skills to: - Apply knowledge in a professional field. - Use strategies to prevent and solve problems in the professional field.		Skills to: - Apply knowledge to professional situations in a highly specialized or multidisciplinary situation. - Design strategies to prevent and solve complex problems in new, little known or multidisciplinary situations.	Skills to: - Conceive, design and put into practice scientific research and innovation programs with academical rigour. - Conceive, design and put into practice teaching programs at university level.
Learning skills Autonomy and learning capacities	Skills to: - Acquire new knowledge with a certain level of autonomy.	Skills to: - Plan one's own learning needs and choose a program of specialized studies or <i>Màster</i> with a high level of autonomy.		Skills to: - Plan one's own learning needs in an auto-directed and autonomous manner, both for professional needs and in order to continue with doctoral studies.	Skills to: - Promote technological, social and cultural advances in academic and professional environments.
Research methods		Skills to: - Understand methods of research within the field. - Evaluate different methods of problem resolution applying established ideas and skills within the field.	Skills to: - Understand methods of research within the speciality. - Evaluate different methods of problem resolution applying established ideas and skills within the speciality.	Skills to: - Use research methods. - Develop new methods of research in a supervised environment.	Skills to: - Conceptualize and conceive new fields of research. - Design and develop research programs in a systematic manner.
Attitudes and professional ethics	Skills to: - Participate in team work. - Be aware of the limitations of one's knowledge and the possible repercussions of one's acts in professional situations. - Have a positive attitude to work.	Skills to: - Coordinate and participate in team work. - Be aware of the limitations of one's knowledge and the possible repercussions of one's acts in professional situations.		Skills to: - Lead work teams. - Understand and appreciate uncertainty in the field of study. - Be aware of the complexity of knowledge and the possible contributions of other interpretations, methods and fields.	Skills to: - Lead research or work teams. - Be autocritical of one's own research and of its consequences, and contextualize it within its field.
	Skills to: - Act according the rules of ethics of the profession and field of study. - Be aware of the economical and legal effects of professional activities.				
Use of Information Technology	Skills to: - Use information and communication technologies. - Acquire knowledge of computer science related to the field of study. - Work in networks and teams in a virtual environment.			Skills to: - Innovate in the application of Information Technology within the field of study.	Skills to: - Become a productive element of the Knowledge Society.