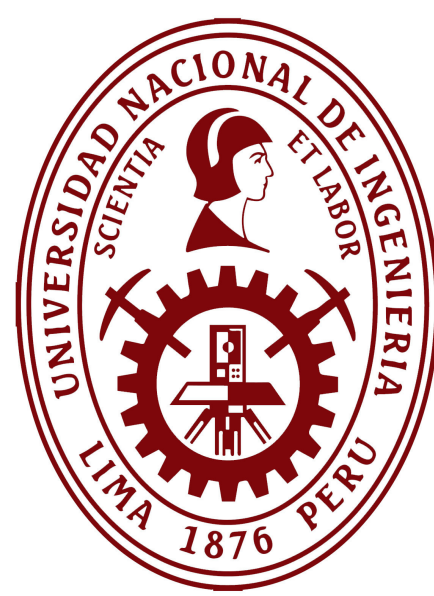


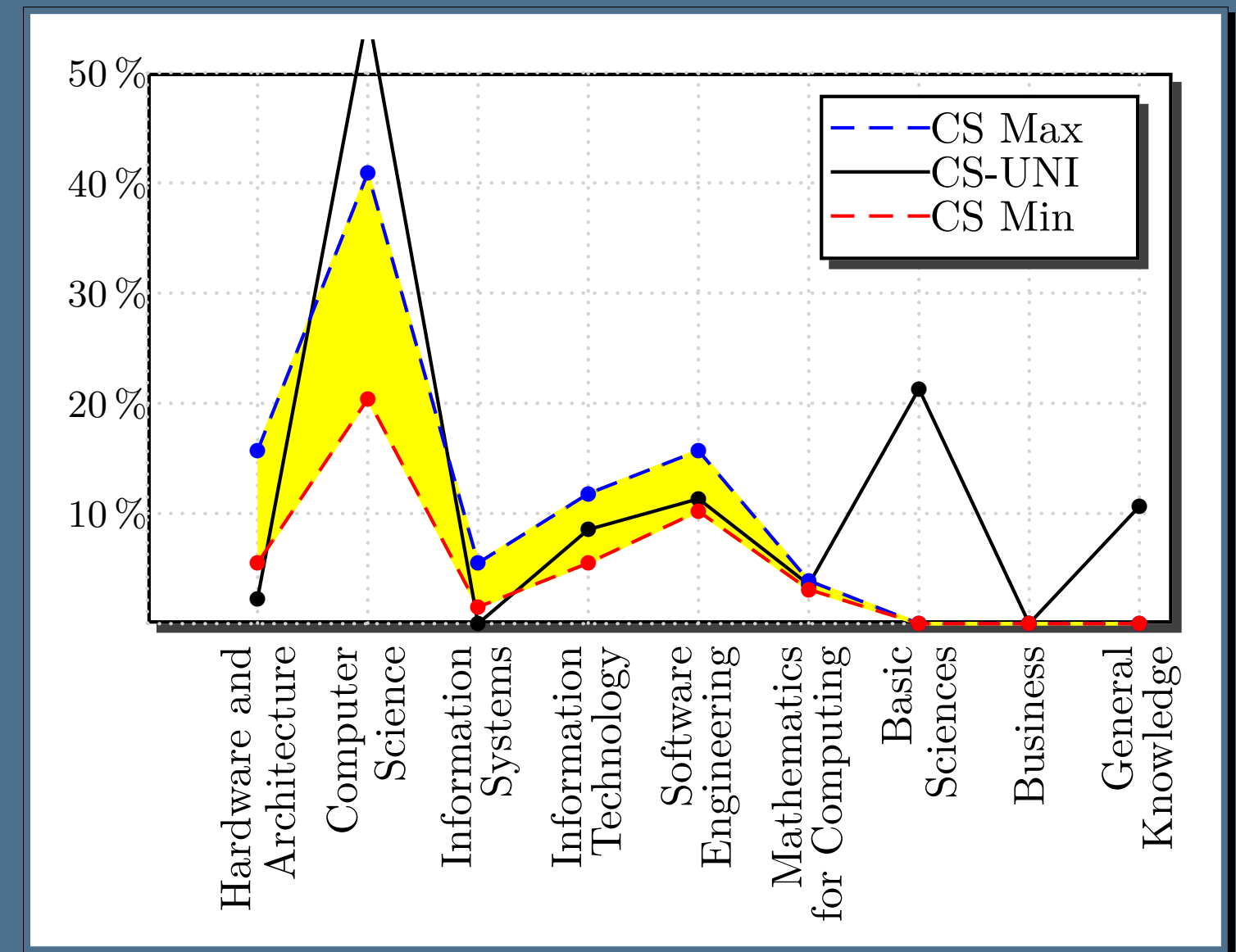


School of Computer Science <https://portal.uni.edu.pe/index.php/facultades/ciencias/ciencia-de-la-computacion>

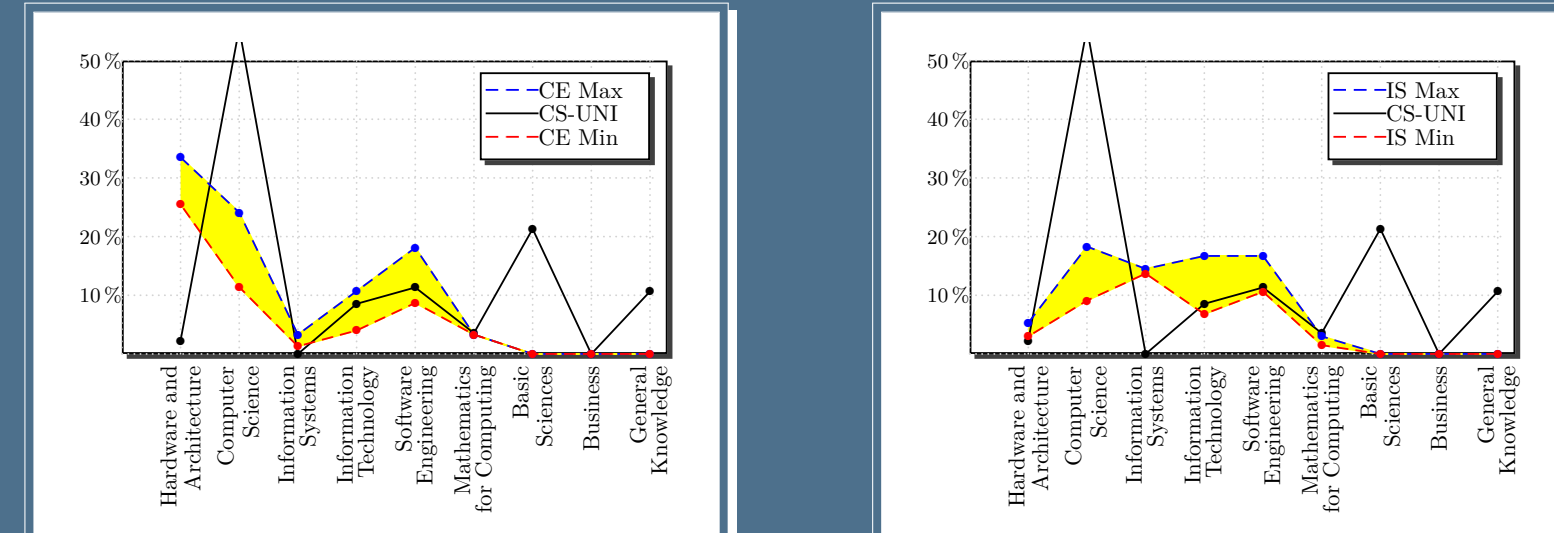
Mission: To contribute to the scientific, technological and technical development of the country forming competent professionals oriented to the creation of new science and computational technology, as engine that impels and consolidates the software industry based on scientific research and technological in innovative areas, forming, IN OUR professionals, a set of skills for solving computational problems with a social commitment.

Definition: The professional profile of this professional program can be better understood from figures on the right side. This professional has Computing as the center of his studies. That is, it has computing as an end and not as a means. According to the definition of this area, this professional is called directly to be a promoter of the development of new computational techniques that can be useful at local, national and international level.

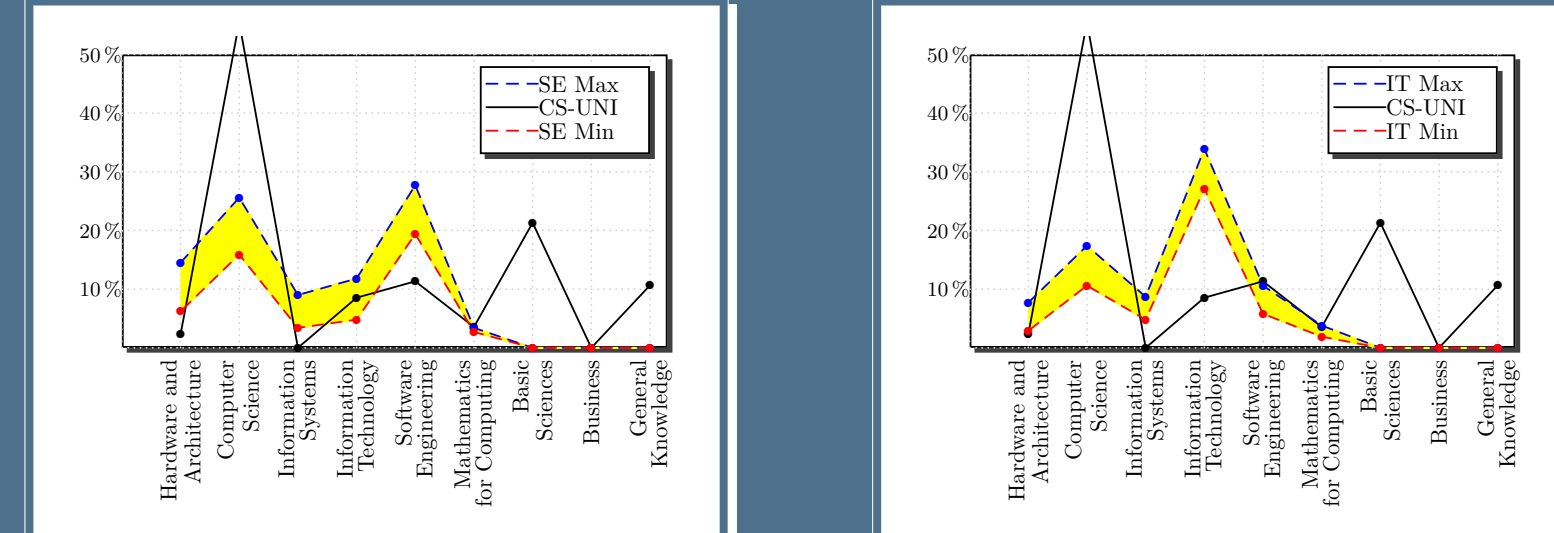
Our professional profile is aimed at generating jobs through permanent innovation. Our professional training has three fundamental pillars: a content according to ACM/IEEE-CS Computing Curricula CC2020 and CS2023, a marked orientation to innovation and human oriented skills.



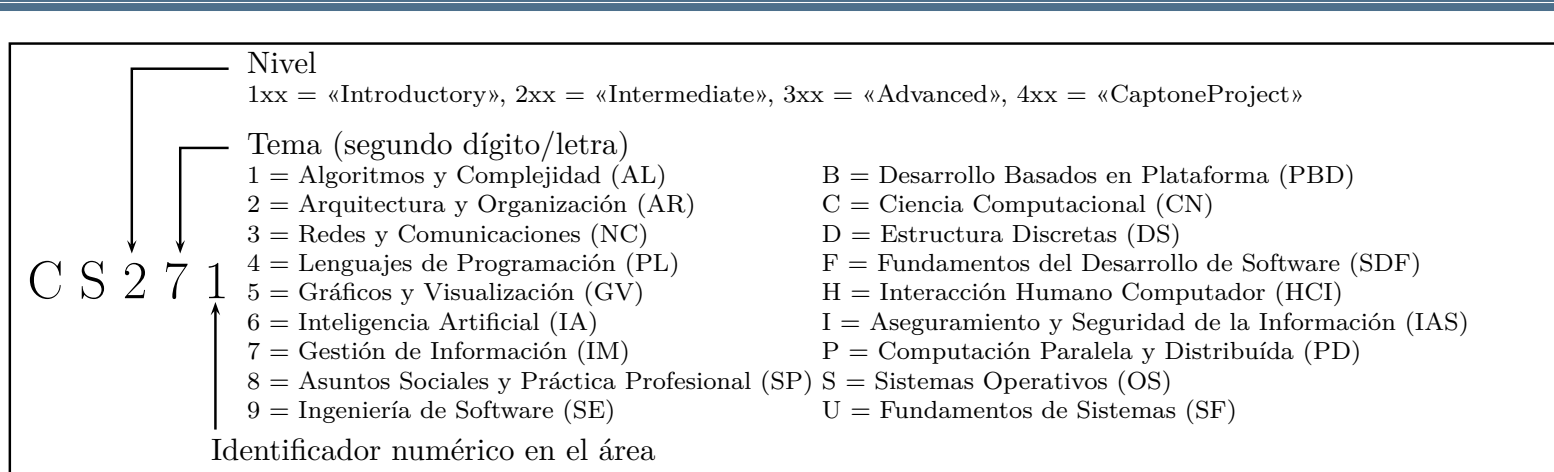
CS (UNI) vs CS (ACM/IEEE-CS)



CS (UNI) vs CE (ACM/IEEE-CS)



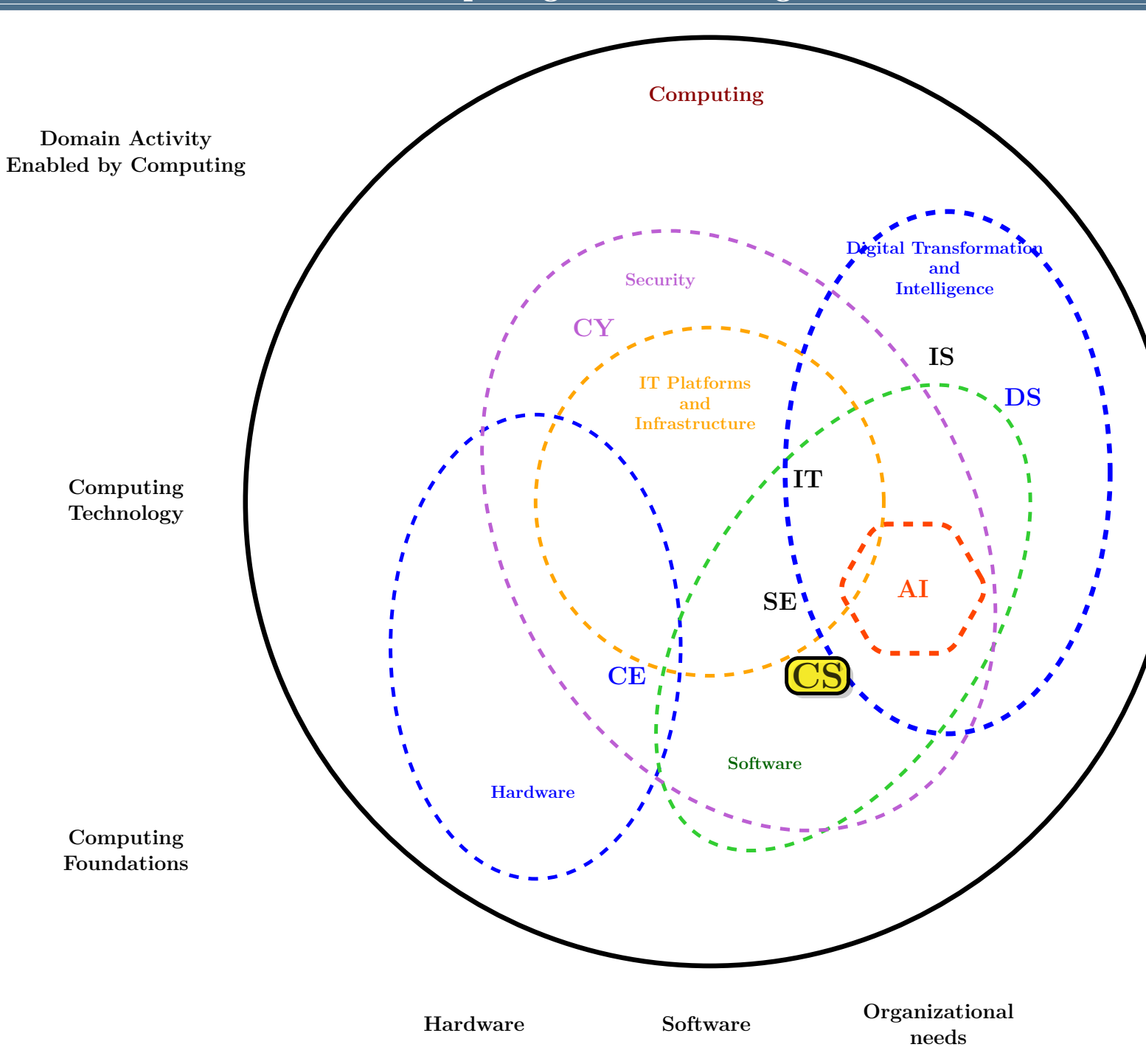
CS (UNI) vs SE (ACM/IEEE-CS)



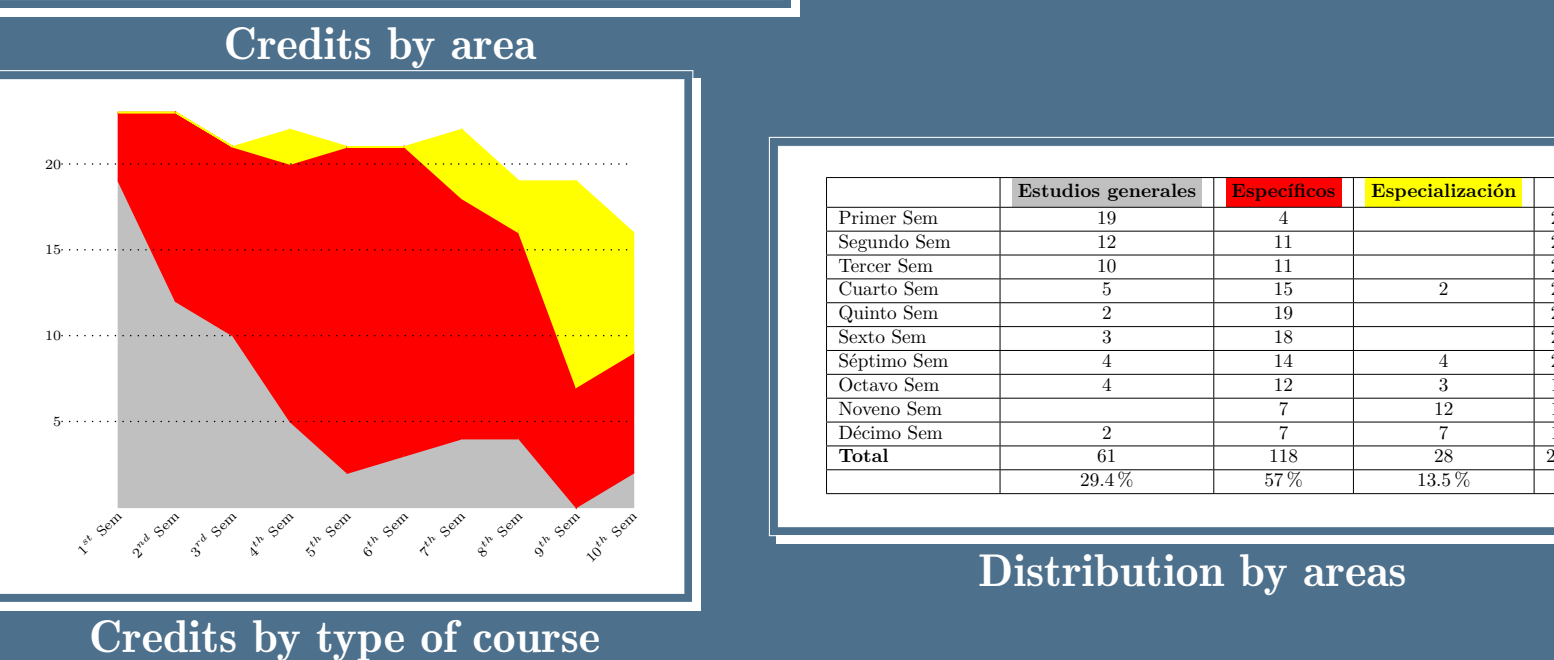
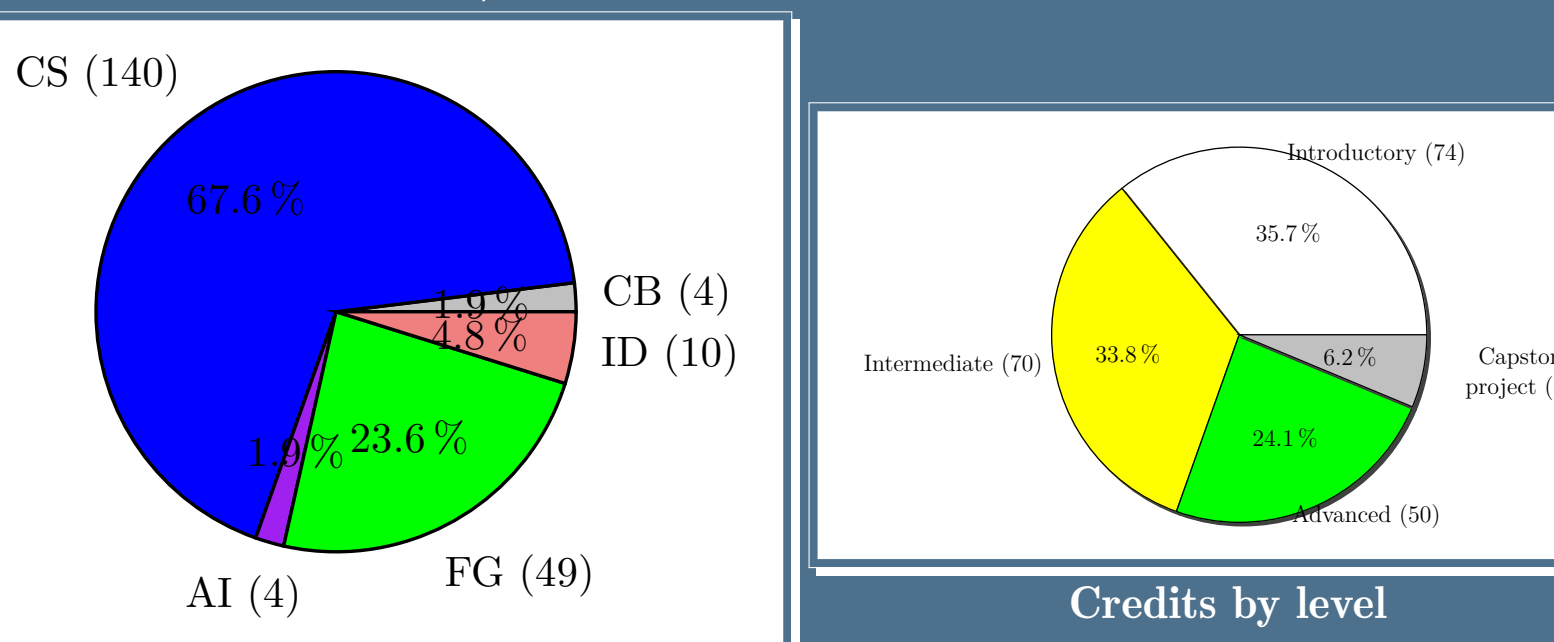
CS (UNI) vs IT (ACM/IEEE-CS)

Nivel
Ixx = «Introductory», Ixx = «Intermediate», Ixx = «Advanced», Ixx = «Capstone Project»
Tema (segundo dígito/letra)
1 = Algoritmos y Complejidad (AL)
2 = Arquitectura y Organización (AR)
3 = Redes y Comunicaciones (RC)
4 = Lenguajes de Programación (PL)
5 = Fundamentos del Desarrollo de Software (SDF)
6 = Inteligencia Artificial (IA)
7 = Gestión de Información (IM)
8 = Asuntos Sociales y Práctica Profesional (SP)
9 = Ingeniería de Software (SE)
U = Fundamentos de Software (SF)
Identificador numérico en el área

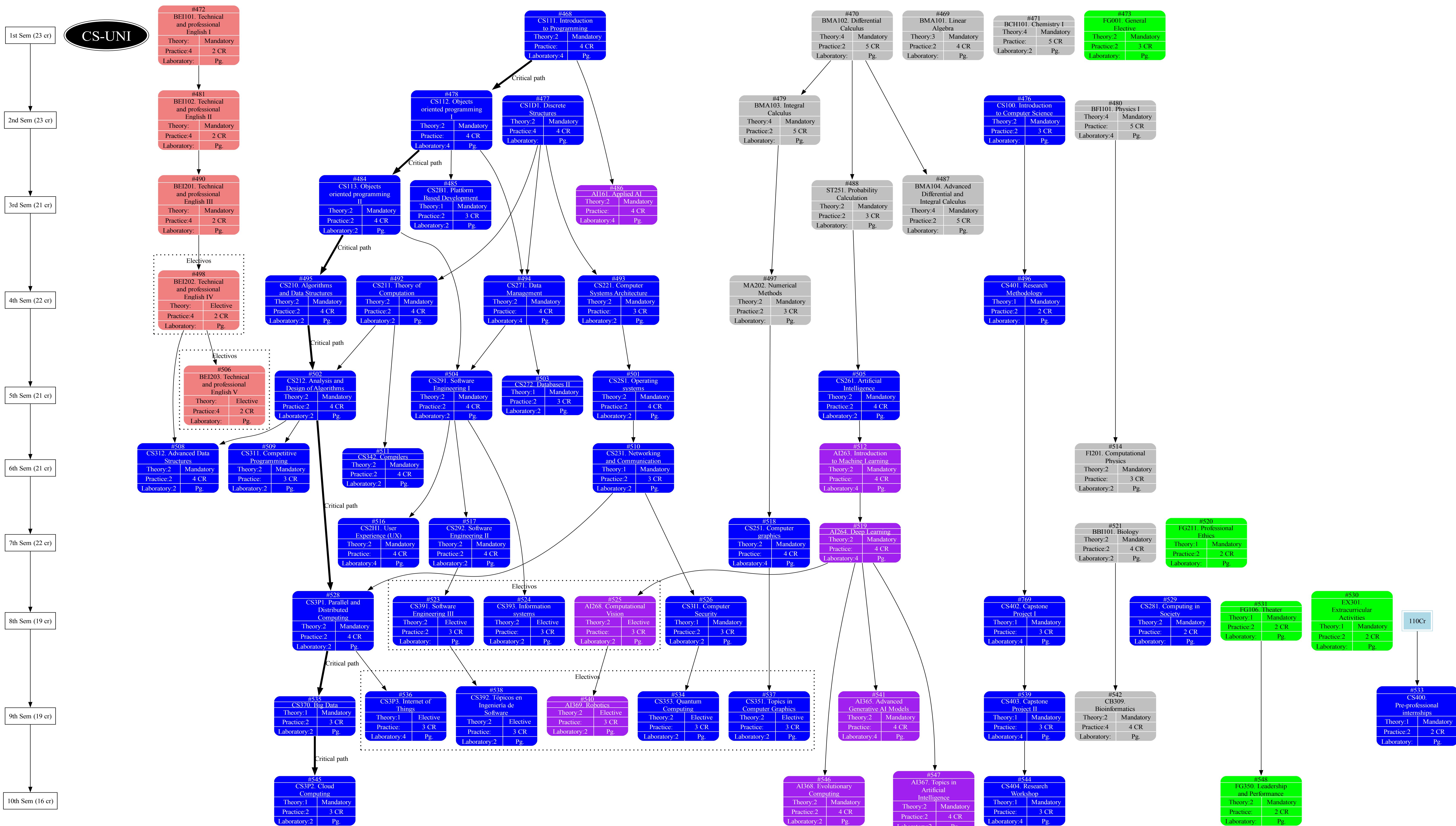
Computing Course Coding



ACM/IEEE-CS Computing Curricula 2020



Credits by type of course



Skill ↓

- 1) Analyze complex computing problems.
- 2) Design and implement computing solutions.
- 3) Effective professional communication.
- 4) Recognize professional responsibilities and make informed judgments.
- 5) Function effectively as a member or leader of a team.
- 6) Apply computer science theory and software development fundamentals.
- 7) Develop computational technology for the well-being of all, contributing with human formation, scientific, technological and professional skills to solve social problems of our community.

Course ⇒

First Sem		Second Sem		Third Sem		Fourth Sem		Fifth Sem		Sixth Sem		Seventh Sem		Eighth Sem		Ninth Sem		Tenth Sem	
CS101	2	3	2	CS102	2	3	2	CS103	2	3	2	CS104	2	3	2	CS105	2	3	2
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BCH101	2	3	2	BCH102	2	3	2	BCH103	2	3	2	BCH104	2	3	2	BCH105	2	3	2
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