

Guidance Bulletin 62, 18th March 2019

Years 12 and 12: Spanish Universities Several universities in Spain teach undergraduate degrees in English. For further details go to <http://www.studyinspain.info/en/>. Universitat Autònoma de Barcelona <https://www.uab.cat> Business Management, Economics ■ Universitat Politècnica de Catalunya (Barcelona) <https://www.upc.edu> Business Management, Civil Engineering, Industrial Engineering, Informatics Engineering, Multimedia Technology ■ Universidad Católica de Murcia <http://internacional.ucam.edu> Business Administration, Dentistry, Pharmacy, Psychology, Sports Sciences, Tourism Management ■ ESADE (Barcelona) <http://www.esade.edu/en/> Business Administration, Global Governance and Legal Order (see also Guidance Bulletin 43) ■ Universidad Europea (Madrid, Valencia) <https://universidadeuropea.es> Aeronautical Engineering, Business Management, International Business, International Relations, Marketing ■ IE University (Segovia and Madrid) <https://www.ie.edu/university/> Architectural Studies, Behaviour Sciences, Business Administration, Data Analytics, Design, Digital Media, Economics, International Relations, Law, Politics ■ Universidad de Navarra <https://www.unav.edu/en/web/facultad-de-medicina/international-program> Medicine ■ Universitat Pompeu Fabra (Barcelona) <https://www.upf.edu> Global Studies ■ Saint Louis University (Madrid)* <https://www.slu.edu/madrid> Art History, Communication, Computer Science, Economics, English, History, Political Science, Psychology (see also Guidance Bulletin 45) ■ Suffolk University (Madrid)* <https://www.suffolk.edu/madrid-campus> International Relations (see also Guidance Bulletin 44) ■ TBS (Barcelona) <https://www.tbs-education.es/en> Management (see also Guidance Bulletin 11). Other ideas may be found at <https://www.study.eu/country/spain>. [*IBCP accepted]

Years 12 and 13: Notes from the visit to Hong Kong University of Science and Technology (HKUST) on 04-Mar-19 At HKUST there are nearly 10,000 undergraduates. Rooms are available in the halls of residence for 4,500 of them. To eat the venues include Starbucks, McDonalds and Fusion. With over a hundred clubs and societies, this is the highest concentration for any university in Hong Kong. The postgraduate population is 5,500. The elegant and leafy campus is a short journey away by regular and safe public transport to the city. As a pilot MOOC (Massive Open Online Course) scheme, up to twenty of the most dedicated students are selected for up to four courses through Minerva (<https://www.minerva.kgi.edu>). The School of Science is the main academic building. Some 680 faculty all hold doctorates from a range of leading universities including UBC, Princeton, Cambridge, Brown and Caltech. The diverse student body hails from over sixty countries. Through its dedicated focus HKUST has become the first research institution in Kong Kong and, according to the QS Ranking 2018, the leading young university in Asia. The Institute of Advanced Study (IAS) conducts research into topological quantum computation, DNA nanotechnology and wave functional materials. Using a credit-based system on the US model, the degrees offered allow for considerable flexibility, for example with double majors and free electives. The International Research Enrichment (IRE) is designed for future scientists, tailor made to enable outstanding students to pursue a research career, not least through links with EPFL, McGill, Aarhus and the National University of Singapore. Through career training and internships, over half the students secure overseas experience by the end of their degree. For entry 35 points in the IB diploma (including core points) are required, with 6 in both HL Mathematics and at least one of Biology, Physics or Chemistry, although the majority of successful applicants will have two sciences at HL. Scholarships are automatically awarded. In the School of Humanities and Social Sciences, the courses range from Anthropology and History to Music and Psychology. The ideal student is strong in Mathematics and interested in social phenomena. The languages on offer include Cantonese, Mandarin and Korean. Very few students fail to complete their degree courses. The graduate rate is in fact 99 per cent. The six departments in the Engineering Faculty are Mechanical, Aerospace, Civil, Computer, Industrial and Chemical. It is possible to mix modules to create specialised degrees. During the first year, academic advisers suggest projects. In addition, industrial companies offer internships and advice. A popular combination is the BEng and BBA in Technology and Management. Since this is highly competitive, there is space for only forty candidates, and the duration is five years. A double degree in Engineering and Law is offered through the University of Exeter. This is recognised by professional bodies, for example ABET in the USA and the Engineering Council in the UK. Each summer there is a research-based exchange programme with Princeton for eight weeks. Every semester

over thirty companies come to talk about possible jobs and careers in the sector. The School of Business and Management prides itself on its international characteristics with an Asian focus. Spanning the 140 faculty are twenty nationalities. The World Bachelor in Business runs in partnership with Bocconi University and the University of Southern California. With the IB diploma 35 points is the minimum for admissions, some of the more competitive programmes requiring 40 points. Most students opt for the BBA, but some take the more quantitative BSc in Economics and Finance or Quantitative Finance. Over 80 per cent of the students graduate with a double major. They are well received by employers such as Tencent, Microsoft, Alphabet and Samsung. Outside events are arranged such as the global leadership forum, alumni sharing, corporate projects, regular guest speakers and dialogues with executives. As a banking centre Hong Kong is ranked first in Asia and third in the world. After graduation students are allowed to stay in Hong Kong for up to a year to look for a job. The interdisciplinary degrees use many teaching methodologies: experiential, online and more. Admittance is particularly favourable to the IB diploma. Within the interdisciplinary degrees the enrichment programme includes corporate projects, leadership training, business plan competitions and collaborative work with institutions such as Nanyang Technological University, Universidade de São Paulo and Universität Bayreuth. The application cycle starts halfway through September. Students can apply directly to a specific major or to a school (for example Business or Engineering). The main deadline is in early January, with final decisions being made by late January. Interviews by Skype are given for entry to Global Business, and Quantitative Finance. A deposit of HK\$20,000 (2,500CHF) is needed within three weeks of an offer to secure a place. The tuition fees are HK\$140,000 (18,000CHF) per annum. With accommodation and personal expenses, the total cost is roughly HK\$215,000 (28,000CHF) per annum. A score of 45 points in the IB diploma gives a full scholarship with all tuition fees covered. In summary, dedication, commitment, pristine facilities and dynamic teaching encapsulate HKUST. For more details go to <https://www.ust.hk>.

Years 12 and 13: Advice from Northeastern University (MA-USA) ‘As you hear from your students, and as you consider our decisions, please keep in mind that we had to make fine distinctions among many exceptional candidates. Because of this, it is possible for applicants with similar academic profiles to receive different admission decisions. Our decisions are a reflection of the quality and size of the applicant pool within the context of the university’s enrollment goals. We received over 62,000 applicants for admission this year and will be offering fall admission to 18% of the pool.’

Years 11 and 12: Art portfolio For all creative students and their parents, there is a free introductory session on 30-Apr-19 at 19:00 to e5-portfolio. Based in Carouge, e5-portfolio helps art students design and build a portfolio that is authentic, engaging and competitive when applying to leading universities around the world. Students from Nations have attended e5-portfolio in the past and their testimony is detailed on the website. Anyone interested should register beforehand at <http://e5-portfolio.com/login/>.

Years 11 and 12: Architecture Why construct the tallest or most iconic buildings? A recent BBC radio programme explores this interesting question: <https://www.bbc.co.uk/programmes/m00035p8>. For preparation towards applying to a degree in the subject, look at Guidance Bulletin 41 and 47.

Years 10, 11 and 12: Summer Journalism Institute Based at the College of Communication at Boston University, students will attend a college-level writing class in the morning. In the afternoon, they are assigned to newsrooms to work with award-winning journalists. The two-week workshops begin on 08 and 22-Jul-19. By the close participants will have completed a portfolio of articles. For more details and to register go to <https://combeyond.bu.edu/workshop/bu-summer-journalism-institute/>.

Years 9, 10, 11 and 12: Cybermath Academy There are two locations between 06 and 17-Jul-19 to choose for Cybermath Academy: Harvard and Stanford. Participants learn from graduates and students of Harvard, MIT and Stanford. They attend guest lectures by researchers at these top institutions and join campus tours. Cybermath Academy gives a taste of most recent cutting edge scientific research. The courses include Coding, Mathematics and Physics. For details go to <https://cybermath.org>.

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