

**TECHNISCHE UNIVERSITÄT MÜNCHEN**

1. Technische Universität München (TUM) is among the most highly acclaimed universities in Germany, with a strong profile in science and engineering. It has produced 15 Nobel Prize winners and 10 recipients of the Gottfried Wilhelm Leibniz Prize, the highest German research prize. The University is one of the nine “elite schools” receiving national funding for research under the German Universities Excellence Initiative.
2. TUM was one of the first three German universities to be awarded the title *elite university* by a selection committee comprising academics and members of the Ministries of Education and Research of the Federation and the German states (Länder). This meant that the University had greater access to research funds.
3. TUM is consistently ranked high on ranking surveys:
  - 2009 Times Higher Education - QS World University Rankings  
TUM was ranked 55<sup>th</sup> in the world and 45<sup>th</sup> in the fields of engineering and IT.
  - Shanghai Jiao Tong Academic Ranking of World Universities 2009  
TUM was ranked second in Germany, 15<sup>th</sup> in Europe and 57<sup>th</sup> in the world.
  - Ranking of Scientific Impact of Leading European Research Universities by the European Commission 2004  
TUM was ranked joint third as the best research university in Europe by the European Commission, behind the University of Cambridge and Oxford University.
4. TUM has strong industry collaborations with companies such as Siemens, GE, AUDI AG, BASF, Infineon, Wacker and BMW. Many of these companies have a presence in Singapore, which allows TUM to offer programmes that have strong linkages with industry here.
5. In 2001, the German Institute of Science & Technology (GIST) was set up in Singapore by TUM in partnership with Singapore’s two leading universities, National University of Singapore (NUS) and Nanyang Technological University (NTU). GIST offers joint postgraduate education, and is the first German academic venture abroad.
6. TUM currently has an enrolment of about 23,300 students, with 415 professors and 4,435 academic staff.
7. As part of its degree programme in SIT, TUM will offer three specialisations, namely Microelectronics, Integrated Circuit Design and Automation.

## **NEWCASTLE UNIVERSITY**

1. Newcastle University (NU) is a major university located in Newcastle upon Tyne in the north-east of England. NU currently offers over 200 undergraduate programmes in a diverse range of subject areas spanning arts, social sciences, business and law, medical sciences, life sciences, physical sciences and engineering. NU is a member of the Russell Group, an association of leading research-intensive UK universities. The University has one of the largest European Union research portfolios in the UK.
2. NU is consistently ranked in the top 20 in the UK for its research quality and student experience. The excellent teaching quality at the University was also recognised in 2005 by the Quality Assurance Agency for Higher Education (QAA) for UK.
3. NU's School of Marine Science and Technology is the UK's first marine school to provide a single base for all education, innovation and research related to the sea. It is also one of the four universities in UK to offer an accredited degree in marine technology. The school conducts internationally recognised and industrially relevant research and is well-equipped with specialised facilities.
4. A distinctive feature of NU is its commitment to ensure the employability of its graduates. The University works closely with employers to offer an integrated package of opportunities and experiences for all students to develop skills attractive to them. The Higher Education Funding Council for England (HEFCE) has found NU to have spent more time working with businesses than any other UK university.
5. NU's industry collaborations include:
  - The Engineering Design Centre (DCE): Established to undertake collaborative research with industry to improve the engineering design of complex made-to-order products, such as marine and offshore industries. Collaborators include British Gas, Siemens and BAE Systems.
  - The Resource Centre for Innovation in Design (RCID): A multi-disciplinary engineering consultancy that seeks to generate ideas for new and improved products and new methods of manufacture in various sectors, such as the energy, marine and medical industries.
6. In September 2008, NU opened its first overseas branch, a Marine International campus called NUMI Singapore. It offers a degree programme in Naval Architecture under the Polytechnic-Foreign Specialised Institution (Poly-FSI) initiative and is conducted on Ngee Ann Polytechnic's campus.
7. NU's marine programme is well-recognised by the industry in Singapore. NU is one of the recommended universities offering Maritime courses by Maritime and Port Authority of Singapore (MPA). There are about 600 NU alumni from Singapore working in different sectors of the offshore and marine industry. NU has established extensive

partnership with Keppel Corporation to encourage knowledge building. The University boasts illustrious alumni from all over the world, including, from Singapore, Mr Choo Chiau Beng, Chairman and Chief Executive Officer of Keppel Offshore and Marine Ltd.

8. The Bachelor of Engineering in Marine Technology programme in SIT will equip graduates to recognise the use of sea and waterways for energy resources, transport and leisure, and lead the development of new solutions for sustainable marine industries.

## **DIGIPEN INSTITUTE OF TECHNOLOGY**

1. DigiPen Corporation was founded in 1988 in Vancouver, Canada, as a computer simulation and animation company. In its early years, DigiPen established its own training and post-secondary education programme to train qualified personnel for the industry. With the rapid development of technology and an increase in the demand for DigiPen's graduates in the industry, DigiPen developed a four-year degree programme which was approved by the Washington State Higher Education Coordinating Board (HECB) in 1996. The Bachelor of Science in Real-Time Interactive Simulation was the world's first bachelor degree dedicated to computer/ video game development.

2. DigiPen Institute of Technology was subsequently opened in 1998 and aims to be a world renowned institution of higher education and research in the area of interactive computer technologies.

3. DigiPen is ranked among the top five in the Global Gaming League, which ranks US colleges and universities in the field. DigiPen's graduates and students have won numerous awards in national and international video game competitions, both in the student as well as professional categories.

4. DigiPen has also cultivated strong industry links, and its graduates are highly sought after by top game developers and publishers such as Nintendo, Electronic Arts, Lucas-Arts, Sony, Microsoft and Dreamworks.

5. DigiPen has developed numerous collaborations in Singapore. These include:

- Collaboration with the Singapore Workforce Development Agency (SWDA) to offer WDA-DigiPen Creative Talent Development Scholarships for incoming students enrolled in their Bachelor degree programmes;
- Collaboration between DigiPen, Ubisoft Singapore and the SWDA to provide future game developers with an opportunity to obtain specialised education; and
- Collaboration with the Media Development Authority under the Media Education Scheme to nurture media talents.

## **THE CULINARY INSTITUTE OF AMERICA**

1. The Culinary Institute of America (CIA) was established in 1946 and is recognised and respected as the leader in culinary education. The Institute has consistently been ranked the best culinary school in the USA. CIA is accredited by the Middle States Commission on Higher Education, which is an institutional accrediting agency recognised by the US Secretary of Education and the Council for Higher Education Accreditation.
2. CIA students spend 1,300-plus hours in the kitchen learning the skills required to succeed in the food service industry. CIA graduates have gone on to become leading chefs and restaurant owners, food and beverage managers, food service entrepreneurs and executives, media personalities, research chefs and more.
3. CIA's notable alumni include Anthony Bourdain (author, chef and TV host), Roy Yamaguchi (author, restaurant owner and former TV Iron Chef), Kerry Simon (dubbed one of America's Greatest Chefs by *Rolling Stone* magazine, executive chef and proprietor at his namesake restaurant "Simon"), Todd English (celebrity chef, restaurateur, author, entrepreneur and television star) and Michael Chiarello (owner of Chiarello Family Vineyards, TV host and celebrity chef).
4. Today, CIA operates three campuses in the United States, located in Hyde Park (New York), Napa Valley (California) and San Antonio (Texas). The school enrolls more than 2,400 students in its degree programmes and employs the largest number of American Culinary Federation (ACF) Certified Master Chefs, with more than 160 chef-instructors and other faculty members from 16 countries. The faculty includes award-winning authors of text books, magazines and other published media.

## **THE UNIVERSITY OF NEVADA LAS VEGAS**

1. The University of Nevada Las Vegas (UNLV) has undergone an amazing transformation from a small branch college into a thriving urban research institution of 28,000 students and 3,300 faculty and staff in its 52-year history.
2. The William F. Harrah College of Hotel Administration at UNLV is one of the best hotel colleges in the world, and is the top school for enrolment in the USA. It has also been consistently ranked in the top two for hospitality undergraduate programmes in the USA. The University also features the William S. Boyd School of Law, as well as strong liberal and fine arts, engineering and science programmes and numerous research centres and inter-disciplinary programmes.
3. UNLV's notable alumni include Scott Sibella (President of Mirage Hotel and Casino), George Maloof (Owner and CEO of The Palms Casino Resort) and Guy Fieri (Food Network star).

4. UNLV's main campus houses distinctive facilities, including a 300,000 sq foot library which contains the world's most comprehensive collection related to the history and industry of gaming, and the Science and Engineering Building which contains flexible laboratory and teaching spaces, and integrated research spaces. The William F. Harrah College of Hotel Administration will house a for-profit hotel, restaurants and a conference centre to allow students and faculty to design, direct, and participate in advanced industry research.

5. UNLV is currently home to more than 220 undergraduate, masters, and doctoral degree programmes, all accredited by the Northwest Commission on Colleges and Universities.

6. The University of Nevada Las Vegas Singapore, UNLV's first international campus, is recognised globally as a premier hospitality management programme. UNLV Singapore is:

- Accredited in the U.S. by the Northwest Commission on Colleges and Universities;
- Appointed as a Continuing Education Training Centre by the Singapore Workforce Development Agency (SWDA); and
- Recognised by the Singapore Tourism Bureau as a member of the Leading International Institutions located in Singapore.

7. The first graduates of the Bachelor of Science Degree in Hotel Administration from UNLV Singapore graduated in June 2009 and are now employed by leading hospitality providers in Singapore, the Middle East, and throughout the ASEAN countries. During UNLV's tenure in Singapore, close relationships with many leading hotels, restaurants, convention organisations, and of course, the upcoming Integrated Resorts, have been established.