



महानं ब्रह्म  
**MANIPAL**  
UNIVERSITY

# INTERNATIONAL ENGINEERING PROGRAM



**PROSPECTUS 2015**

[www.manipal.edu/icas](http://www.manipal.edu/icas)

Printed: October 2014

# Graduate from one of the top universities of the world

● Engineering degree from a premium university abroad

● 37 partner



## SUMANGLA VERMA

University of Illinois

ICAS served as a great platform in helping me further my goals. It gave me an opportunity to have the best of both worlds while helping me transfer to one of the best universities in the world.



## HARSHITA GUPTA

City University, London

ICAS is a platform to learn and sharpen the skills for competing in foreign environment.



## RAHUL KUMAR SINGH

University of Minnesota

The ICAS course structure and assessment are very similar to international universities which makes the entire credit transfer process very transparent.



# A perfect launch pad for a global engineering career

and 55 non partner universities

● International Placement Opportunities



## **GINA PARTI**

Milwaukee School of Engineering

ICAS helped me create a strong foundation academically. The curriculum has been structured systematically, aptly matching the curriculum in the best colleges abroad.



## **VIBHU SHARMA**

National University of Singapore

With a brilliantly aligned course structure, ICAS has opened the doors to many universities across the seas



## **NAVNEET SINGH**

University of Michigan Ann Arbor

ICAS made my dream of studying abroad come true. Joining ICAS was one of the best decisions I have taken





# WELCOME TO MANIPAL UNIVERSITY



Manipal University - a home to some of the top ranking institutions in India across diverse disciplines, has been setting new benchmarks in excellence of education and research. Over 28,000 students from all over the world pursue undergraduate and post graduate programs in diverse subjects at our 600 acre campus.

Our alumni network numbers over 94,000 – a community as important to us as the new students who walk in. Backed by an infrastructure that is comparable to some of the best in the world along with a highly qualified and respected faculty, Manipal University presents an evolved environment of teaching and research. The University is a chosen destination for students from 59 countries, pursuing their dreams. The collaboration among its diverse institutions gives students an unprecedented opportunity to cross departmental boundaries and explore different horizons. Sixty years of excellence in education gives us a strong foundation on which we build your future. A future that is firmly rooted, full of possibilities, and embraces opportunities.

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## INTERNATIONAL ENGINEERING TWINNING PROGRAM

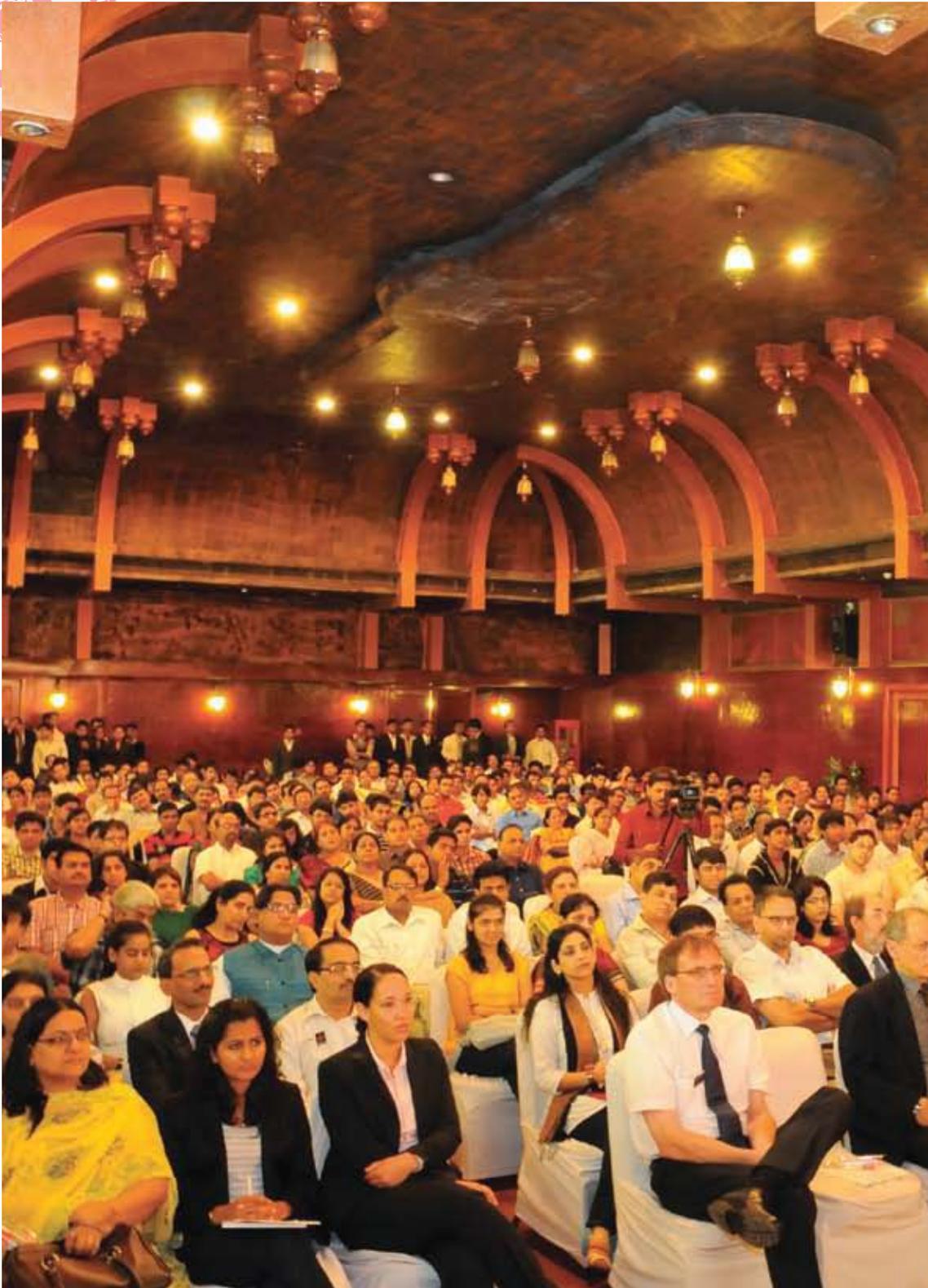
An initiative of Manipal University, the International Engineering Program, also referred to as ICAS, is a unique 4 year engineering twinning program. Students complete the first two years of the program in Manipal University, India and the following two years in a premium university of their choice in USA, UK, Australia, Canada, France and Malaysia.

The result is an engineering degree from an international university at 40% \* lower cost than that of a regular international engineering program. During their two years in Manipal University, students are trained to meet eligibility requirements as well as have a cultural understanding of the destination country of their choice. And thus, provide students with the required foundation for the following two years which will be spent in USA, UK, Australia, Canada, France or Malaysia.

On completion of the first two years, students transfer to universities abroad through a credit transfer system. Students then continue the remainder of the course as a regular student of the university abroad. Upon graduation, students are awarded an engineering degree by the university abroad where they are also assisted with placement opportunities.

\* Based on the current currency exchange rate.







## INTERNATIONAL ENGINEERING PROGRAM: A PERFECT LAUNCHPAD

Manipal University's International Twinning Engineering Program was started in the year 1994 with the objective of providing international education and exposure to Indian students. This program has been designed as a perfect launch pad for those who aspire to study and graduate from one of the top universities of the world. This is a unique program where the students spend the first 2 years in Manipal University and the following 2 years in a university abroad. This is made possible by adopting the high quality teaching and evaluation methodologies that are followed by top universities abroad. Due to these high standards of quality in delivery and student assessment, over the years, Manipal University has partnered with 40 prestigious universities across USA, Europe, Canada, Australia and Malaysia. The students can choose to apply to one of these 40 partner universities or any other university of his/her choice. In recent years, Manipal University, in partnership with French Universities, has commenced integrated Masters programs in Mechanical engineering and electronics, increasing the opportunities for students to include international internships and placements. May you make the best of these openings to shape your careers and future. I wish you the very best.



Dr. H. Vinod Bhat  
Pro Vice-Chancellor, Manipal University

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## WELCOME TO THE FAMILY

Here at ICAS, we are a family. Students with high aspirations and dreams join us. I personally take interest in each and every student right from day one, understand their aspirations and ambitions and prepare them accordingly to compete with the best in the world. We have 40 partner and 55 non partner universities in the US, Canada, Australia, UK, France and Malaysia and the list only increases year after year. We also arrange for presentations from partner universities to make sure the student understands the courses, culture and the future opportunities they can expect after graduating from the university. It is our responsibility to make sure that students understand the overall aspects of international engineering education and they are well prepared to both work with and compete with the best in the world.



Dr. GMJ Bhat  
Director - International Engineering Programme





# WHY JOIN INTERNATIONAL ENGINEERING PROGRAM ?



## International Engineering Degree

- >> Exposure to global teaching methodologies and lab facilities
- >> Ensures a successful career in the chosen engineering discipline
- >> Opportunities for paid internships in the foreign universities

## World Renowned Partner Universities

- >> Partnerships with 40 premier institutes in USA, UK, Australia, France, Canada and Malaysia
- >> Easy acceptance of credit transfers by the partner universities
- >> Final engineering degree offered from these universities
- >> Placement opportunities facilitated by the international universities where average salaries range from \$55,000 to \$85,000 per annum

## Face To Face Interaction With Partner University Delegates

- >> Delegates from various partner universities visit Manipal for student counselling and guidance
- >> This provides the parents and students to have a better understanding of the destination university, the education system, the faculty and other requirements

## Affordable Education

- >> Since the first two years are conducted in India, students save up to 40% of the total cost

## Credit Transfer Facility

- >> Credit transfer system at par with international standards and are accepted in over 90 premier institutes across the world
- >> The credits gained in the first two years of the course is equivalent to studying in an international university

## Flexibility

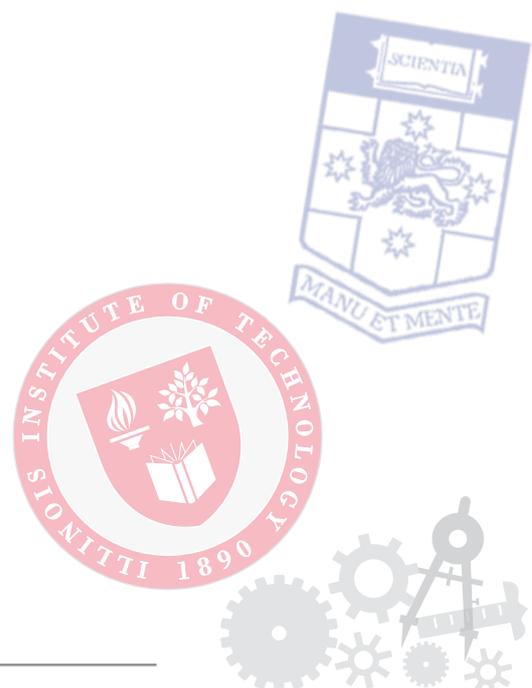
- >> Students have the option to change their branch after 1st semester or in the university abroad

## Engineering Streams Available

- Architecture\*
- Automotive
- Aviation/Aerospace\*\*
- Biomedical
- Chemical
- Civil/Construction
- Computer Hardware/Software
- Electrical and Electronics
- Electronics and Communications
- Industrial Biotechnology
- Industrial / Manufacturing
- Mechanical
- Mechatronics

\*Architecture students will spend one year in Manipal and the following 4 years in a university abroad

\*\*Aviation/Aerospace students will spend one year in Manipal and the following 3 years in a university abroad



# PARTNER UNIVERSITIES



## UNITED STATES OF AMERICA

- M.S.O.E., NORTH BROADWAY, MILWAUKEE, WI
- ANDREWS UNIVERSITY, BERRIEN SPRINGS, MICHIGAN
- UMKC, KANSAS CITY, MO
- RUSS COLLEGE OF ENGG, ATHENS, OH
- ST. CLOUD STATE UNIVERSITY, ST. CLOUD, MN
- NORTH DAKOTA STATE UNIVERSITY, FARGO
- POLYTECHNIC UNIVERSITY, NEW YORK
- THE UNIVERSITY AT BUFFALO, BUFFALO, NEW YORK
- THE UNIVERSITY OF SOUTH ALABAMA, ALABAMA
- THE UNIVERSITY OF MISSOURI
- UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN, WEST ILLINOIS STREET, URBANA, IL
- KENT STATE UNIVERSITY
- DREXEL UNIVERSITY, PHILADELPHIA, PA
- UNIVERSITY OF CINCINNATI, CINCINNATI, OHIO
- UNIVERSITY OF DAYTON
- WRIGHT STATE UNIVERSITY, DAYTON, OHIO
- SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

## UK

- CITY UNIVERSITY, NORTHAMPTON SQUARE, LONDON
- LANCASTER UNIVERSITY, UNIVERSITY HOUSE, LANCASTER
- UNIVERSITY OF LEICESTER, LEICESTER
- SHEFFIELD HALLAM UNIVERSITY, HOWARD STREET, SHEFFIELD
- UNIVERSITY OF NOTTINGHAM
- EDINBURGH NAPIER UNIVERSITY
- UNIVERSITY OF BIRMINGHAM
- UNIVERSITY OF STRATHCLYDE



# PARTNER UNIVERSITIES



## AUSTRALIA

- DEAKIN UNIVERSITY, GEELONG, VICTORIA
- UNIVERSITY OF QUEENSLAND, BRISBANE
- UNIVERSITY OF NEW SOUTH WALES, SYDNEY
- UNIVERSITY OF TECHNOLOGY, SYDNEY
- FLINDERS UNIVERSITY, ADELAIDE, SOUTH AUSTRALIA
- QUEENSLAND UNIVERSITY OF TECHNOLOGY, BRISBANE
- ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY, MELBOURNE
- AUSTRALIAN NATIONAL UNIVERSITY
- FEDERATION UNIVERSITY

## CANADA

- QUEEN'S UNIVERSITY, KINGSTON

## FRANCE

- ESIGELEC

## MALAYSIA

- MANIPAL INTERNATIONAL UNIVERSITY



# NON-PARTNER UNIVERSITIES



## UNITED STATES OF AMERICA

- PURDUE UNIVERSITY, WEST LAFAYETTE
- UNIVERSITY OF WISCONSIN, LANGDON STREET, MADISON, WI
- UNIVERSITY OF MARYLAND, COLLEGE PARK, MD
- UNIVERSITY OF ARIZONA, TUCSON, AZ
- UNIVERSITY OF CALIFORNIA, FRANKLIN ST., OAKLAND, CA
- IOWA STATE UNIVERSITY, AMES, IOWA
- UNIVERSITY OF NEBRASKA, LINCOLN, NE
- STEVENS I.T., CASTLE POINT ON HUDSON, HOBOKEN, NJ
- VIRGINIA TECH, BURRUSS HALL (0131), BLACKSBURG, VA
- UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN
- UNIVERSITY OF MINNESOTA - TWIN CITIES, MINNEAPOLIS, MN
- MICHIGAN TECHNOLOGICAL UNIVERSITY TOWNSEND DRIVE, HOUGHTON, MICHIGAN
- JOHN HOPKINS UNIVERSITY, BALTIMORE, MARYLAND
- COLUMBIA UNIVERSITY, BROADWAY NEW YORK, NY
- UNIVERSITY OF FLORIDA, GAINESVILLE, FL
- VANDERBILT UNIVERSITY, NASHVILLE, TENNESSEE
- UNIVERSITY OF ROCHESTER, ROCHESTER, NEW YORK
- CASE WESTERN, JUNIPER ROAD, CLEVELAND, OH
- UNIVERSITY OF CALIFORNIA - BERKELEY, BERKELEY, CA
- UNIVERSITY OF TOLEDO, TOLEDO, OH
- UC IRVINE, IRVINE, CA
- UNIVERSITY OF MASSACHUSETTS, AMHERST, MA
- UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES, CA
- TEXAS A & M, COLLEGE STATION, TEXAS
- OHIO STATE UNIVERSITY, COLUMBUS, OHIO
- RENSSELAER POLYTECHNIC, TROY, NY
- GEORGIA TECH, ATLANTA, GEORGIA
- LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA



## NON-PARTNER UNIVERSITIES



- SUNNY, STONY BROOK, STONY BROOK, NY
- RUTGERS STATE UNIVERSITY, STATE UNIVERSITY OF NEW JERSEY
- ROCHESTER INSTITUTE OF TECHNOLOGY, ROCHESTER, NY
- FLORIDA INSTITUTE OF TECHNOLOGY, MELBOURNE, FL
- CLEVELAND STATE UNIVERSITY, CLEVELAND
- WICHITA STATE UNIVERSITY, KANSAS
- EMBRY-RIDDLE AERONAUTICAL UNIVERSITY, FLORIDA
- BOSTON UNIVERSITY
- NEW YORK INSTITUTE OF TECHNOLOGY
- MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MA



### UNITED KINGDOM

- UNIVERSITY OF EDINBURGH
- UNIVERSITY OF SALFORD, SALFORD, GREATER MANCHESTER
- UNIVERSITY OF BATH, BATH
- UNIVERSITY OF MANCHESTER, MANCHESTER
- UNIVERSITY OF LEEDS, LEEDS
- CARDIFF UNIVERSITY

### AUSTRALIA / NEW ZEALAND

- AUCKLAND UNIVERSITY, AUCKLAND MAIL CENTRE
- UNIVERSITY OF AUCKLAND
- UNIVERSITY OF WOLLONGONG
- SWINBURNE UNIVERSITY, HAWTHORN VIC
- GRIFFITH UNIVERSITY



### CANADA

- UNIVERSITY OF CALGARY, CALGARY, ALBERTA
- WINDSOR UNIVERSITY
- MCGILL UNIVERSITY
- DALHOUSIE UNIVERSITY



## PARTNER UNIVERSITIES UNITED STATES OF AMERICA



### ANDREWS UNIVERSITY, BERRIEN SPRINGS

Andrews University was founded in 1874, and is an accredited educational institution located in a 1600 acre campus in Berrien Springs, Michigan, USA.

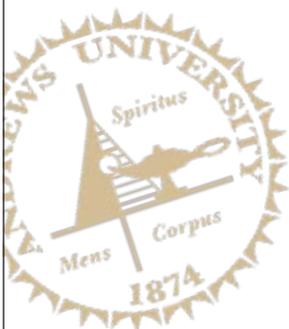
- >> It currently has over 130 Undergraduate Programmes and 70 Graduate Programmes
- >> The university has 7 colleges with 280 highly qualified faculty and staff
- >> The university is preferred by over 850 international students from 98 Countries every year
- >> Andrews University enrolls more than 3,500 students annually from most of the 50 states and nearly 100 countries and territories around the world
- >> U.S. News and World Report ranks Andrews in the top ten universities in the nation in terms of campus diversity and proportion of international students.
- >> Andrews has more than 80,000 alumni worldwide.

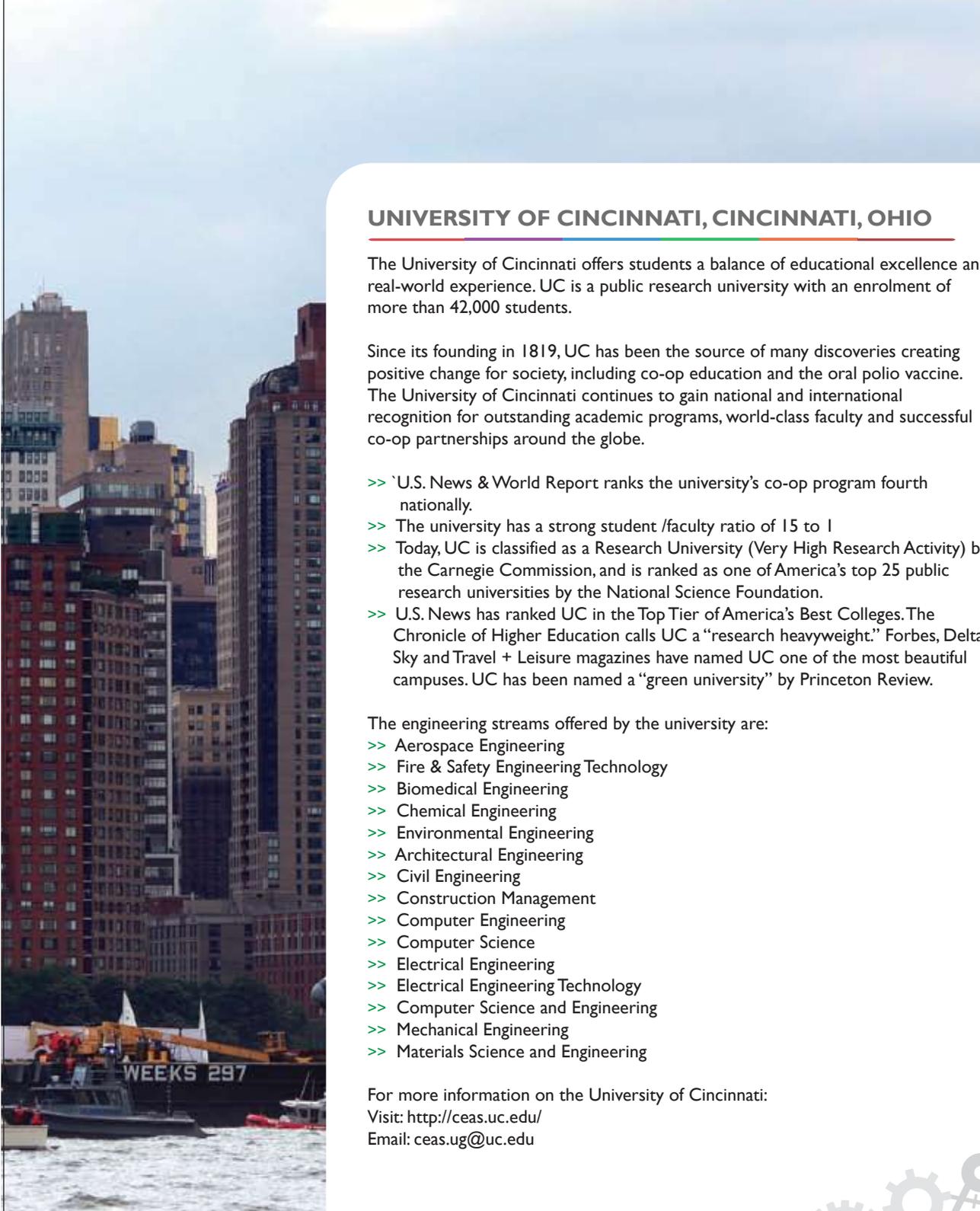
The College of Technology of Andrews University offers undergraduate courses in the following disciplines:

- >> Architecture\*
- >> Aircraft Engineering Technology\*
- >> Aviation Technology\*
- >> Computer Science
- >> Electrical and Computer Engineering
- >> Digital Multimedia Technology
- >> Horticulture
- >> Mechanical Engineering

\* Students must transfer after the first year if registered for these programs.

For more information on Andrews University:  
Visit [www.andrews.edu](http://www.andrews.edu)  
Email: [vbenson@andrews.com](mailto:vbenson@andrews.com)





## UNIVERSITY OF CINCINNATI, CINCINNATI, OHIO

The University of Cincinnati offers students a balance of educational excellence and real-world experience. UC is a public research university with an enrolment of more than 42,000 students.

Since its founding in 1819, UC has been the source of many discoveries creating positive change for society, including co-op education and the oral polio vaccine. The University of Cincinnati continues to gain national and international recognition for outstanding academic programs, world-class faculty and successful co-op partnerships around the globe.

- >> U.S. News & World Report ranks the university's co-op program fourth nationally.
- >> The university has a strong student /faculty ratio of 15 to 1
- >> Today, UC is classified as a Research University (Very High Research Activity) by the Carnegie Commission, and is ranked as one of America's top 25 public research universities by the National Science Foundation.
- >> U.S. News has ranked UC in the Top Tier of America's Best Colleges. The Chronicle of Higher Education calls UC a "research heavyweight." Forbes, Delta Sky and Travel + Leisure magazines have named UC one of the most beautiful campuses. UC has been named a "green university" by Princeton Review.

The engineering streams offered by the university are:

- >> Aerospace Engineering
- >> Fire & Safety Engineering Technology
- >> Biomedical Engineering
- >> Chemical Engineering
- >> Environmental Engineering
- >> Architectural Engineering
- >> Civil Engineering
- >> Construction Management
- >> Computer Engineering
- >> Computer Science
- >> Electrical Engineering
- >> Electrical Engineering Technology
- >> Computer Science and Engineering
- >> Mechanical Engineering
- >> Materials Science and Engineering

For more information on the University of Cincinnati:

Visit: <http://ceas.uc.edu/>

Email: [ceas.ug@uc.edu](mailto:ceas.ug@uc.edu)





## UNIVERSITY OF DAYTON

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Starting with only 14 students, one building and one farm, the University of Dayton has risen from its humble beginnings in 1850 to become an internationally recognized university. The University of Dayton is a top-tier Catholic research university with offerings from the undergraduate to the doctoral levels.

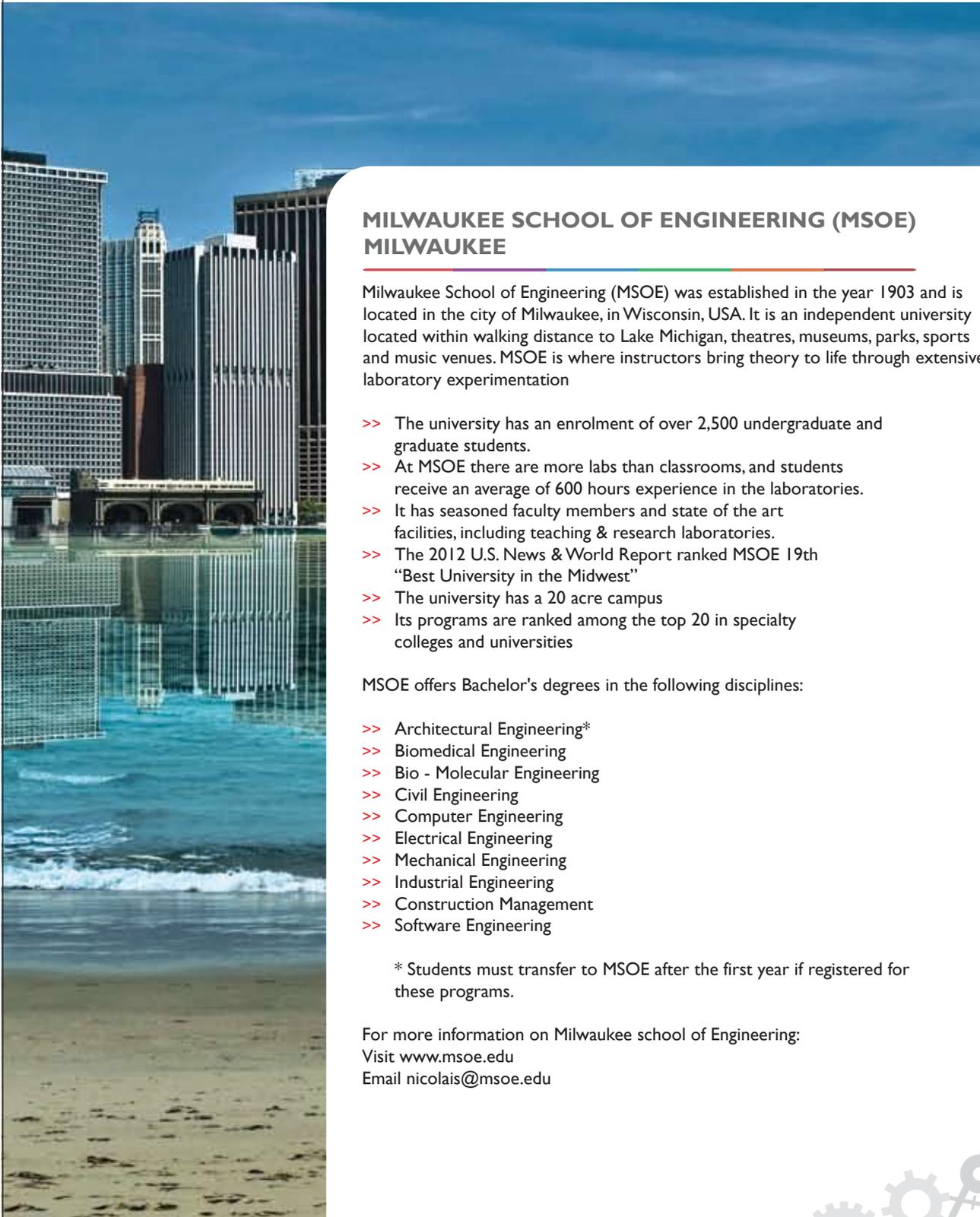
- >> University of Dayton is ranked as the no. 2 catholic university in the nation for sponsored STEM research
- >> It is ranked as the no. 1 catholic university in the nation for sponsored engineering
- >> The university has about 107K alumni worldwide

The Engineering streams offered by the university are given below

- >> Chemical Engineering (B.C.E.)
- >> Civil Engineering (C.V.E.)
- >> Computer Engineering (B.S.C.)
- >> Electrical Engineering (B.E.E.)
- >> Mechanical Engineering (B.M.E.)

For more Information on the University of Dayton,  
Visit: [www.udayton.edu](http://www.udayton.edu)  
E-mail: [admission@udayton.edu](mailto:admission@udayton.edu)





## MILWAUKEE SCHOOL OF ENGINEERING (MSOE) MILWAUKEE

Milwaukee School of Engineering (MSOE) was established in the year 1903 and is located in the city of Milwaukee, in Wisconsin, USA. It is an independent university located within walking distance to Lake Michigan, theatres, museums, parks, sports and music venues. MSOE is where instructors bring theory to life through extensive laboratory experimentation

- >> The university has an enrolment of over 2,500 undergraduate and graduate students.
- >> At MSOE there are more labs than classrooms, and students receive an average of 600 hours experience in the laboratories.
- >> It has seasoned faculty members and state of the art facilities, including teaching & research laboratories.
- >> The 2012 U.S. News & World Report ranked MSOE 19th "Best University in the Midwest"
- >> The university has a 20 acre campus
- >> Its programs are ranked among the top 20 in specialty colleges and universities

MSOE offers Bachelor's degrees in the following disciplines:

- >> Architectural Engineering\*
- >> Biomedical Engineering
- >> Bio - Molecular Engineering
- >> Civil Engineering
- >> Computer Engineering
- >> Electrical Engineering
- >> Mechanical Engineering
- >> Industrial Engineering
- >> Construction Management
- >> Software Engineering

\* Students must transfer to MSOE after the first year if registered for these programs.

For more information on Milwaukee school of Engineering:

Visit [www.msoe.edu](http://www.msoe.edu)

Email [nicolais@msoe.edu](mailto:nicolais@msoe.edu)





## **NORTH DAKOTA STATE UNIVERSITY (NDSU), FARGO**

North Dakota State University (NDSU) was founded in the year 1890 and is a public university in Fargo, North Dakota, U.S; it is the largest university in North Dakota, and sits on a 258 acre campus in an urban setting. It is a student-oriented and internationally recognised university.

- >> It has an enrolment of more than 14,400 students, of which over 11,900 are enrolled in undergraduate programs
- >> It currently offers over 100 Bachelor's degree programmes, 50 Master's degree programmes, and 40 Doctorate degree programmes.
- >> Ranked by the Carnegie Commission on Higher Education among the top 108 public and private universities in the country
- >> NDSU is in the elite category of "Research Universities/ Very High Research Activity"
- >> NDSU ranks 124th out of 697 research universities in the U.S

Engineering Programmes available at NDSU:

- >> Aerospace Engineering\*
- >> Agricultural & BioSystems Engineering
- >> Architecture\*
- >> Civil Engineering
- >> Electrical & Computer Engineering
- >> Industrial & Manufacturing Engineering
- >> Mechanical Engineering and Applied Mechanics

\* Students must transfer after the first year if registered for these programs.

For more information on NDSU:  
Visit [www.ndsu.edu](http://www.ndsu.edu)  
Email [kalidas.shetty@ndsu.edu](mailto:kalidas.shetty@ndsu.edu)





## **ST CLOUD STATE UNIVERSITY, MINNESOTA**

St. Cloud State University public university was founded in 1869 on the banks of the Mississippi River in St. Cloud, Minnesota, US. The university is the largest school in the Minnesota State Colleges and Universities (MnSCU) system which is the single largest provider of higher education in Minnesota.

- >> The university has a total of over 17,200 students of which over 15,500 are enrolled in undergraduate courses.
- >> St. Cloud State University is home to over 900 international students from over 80 countries.
- >> SCSU has nationally and internationally accredited degree programmes with nationally and internationally recognised faculty in both undergraduate and graduate programmes.
- >> SCSU provides international an in-state tuition scholarship for all qualified international students called the Academic and Cultural Sharing Scholarship.
- >> The university offers more than 200 undergraduate and more than 60 graduate programs of study

The university currently offers the following Engineering degrees:

- >> Computer Engineering
- >> Electrical Engineering
- >> Environmental Engineering
- >> Manufacturing Engineering
- >> Mechanical Engineering

For more information on St Cloud State University:

Visit [www.stcloudstate.edu](http://www.stcloudstate.edu)

Email [scsu4u@stcloudstate.edu](mailto:scsu4u@stcloudstate.edu)



## POLYTECHNIC UNIVERSITY, NEW YORK

Polytechnic Institute of NYU, founded in 1854 in Brooklyn, New York, is the metropolitan area's preeminent resource in science, technology, research, and management education. In addition to its main campus at MetroTech Center in Brooklyn, NYU-Poly offers programmes at sites throughout the region, including Long Island, Manhattan and Westchester. Additionally, NYU-Poly offers several programmes in Israel.

- >> More than 3,000 students, about half of which are undergraduates, from 30 states and 50 foreign countries
- >> NYU-Poly has been ranked among the top ten most diverse campuses in US.
- >> 87% of faculty members hold Ph.Ds.
- >> NYU's Polytechnic Institute ranks 4th among Best Engineering Colleges By Salary Potential in the United States according toayscale
- >> NYU-Poly remains in the top 50 for undergraduate engineering and in the top 70 for graduate engineering
- >> In 2012, NYU-Poly was ranked 101st for Engineering/Technology and Computer Sciences in the world by the Academic Ranking of World Universities
- >> U.S. News ranked NYU-Poly's electrical engineering program 32nd in the world
- >> U.S. News ranked NYU-Poly's graduate computer engineering program 34th in the United States of America

The university provides the following Engineering programmes:

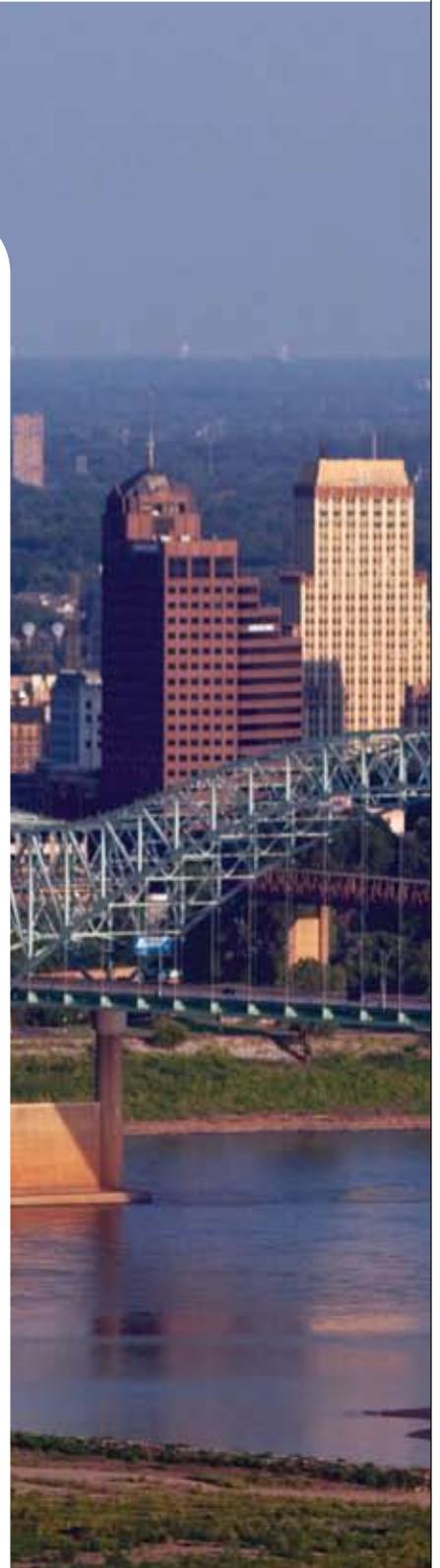
- >> Aerospace Engineering\*
- >> Biological Engineering
- >> Chemical Engineering
- >> Civil Engineering
- >> Computer Science Engineering
- >> Electrical and Computer Engineering
- >> Industrial Engineering
- >> Manufacturing Engineering
- >> Mechanical Engineering

\* Students must transfer after the first year if registered for these programs.

For more information on Polytechnic University:

Visit [www.poly.edu/](http://www.poly.edu/)

Email [uadmit@poly.edu](mailto:uadmit@poly.edu)





## **RUSS COLLEGE OF ENGINEERING, ATHENS**

The College of Engineering and Technology at Ohio University was founded in 1935. It educates well-rounded professionals with both technical and team-project skills who become our business, government, and industry leaders. It has world-class facilities are housed at C. Paul Stocker and Beth K. Stocker Engineering and Technology Centre. The centre was completed in 1985 and expanded in 1994. The centre houses some of the finest engineering facilities in the USA

- >> The university currently enrolls 15,449 students in approximately 115 undergraduate, 114 master's, 51 doctoral, and two professional areas of study.
- >> There are approximately 1,400 undergraduate students and almost 300 graduate students
- >> The college is home of the Russ Prize, the top bioengineering prize in the world.
- >> World-class research in avionics engineering is an ongoing focus

The university provides the following programmes for ICAS Students:

- >> Biological Engineering
- >> Chemical Engineering
- >> Civil Engineering
- >> Computer Science Engineering
- >> Electrical and Computer Engineering
- >> Industrial Engineering
- >> Manufacturing Engineering
- >> Mechanical and Aerospace Engineering

For more information on Russ College of Engineering:  
Visit [www.ohio.edu](http://www.ohio.edu)  
Email [carow@ohio.edu](mailto:carow@ohio.edu)





## UNIVERSITY OF MISSOURI, KANSAS CITY

The university was established in the year 1933 and is located near the centre of Kansas City. It is a premier campus for the performing arts, humanities and emerging scientific research. It has more than 200 organisations and clubs in the campus and gives UMKC students many opportunities to participate in academic, social and community service groups. On-campus jobs are available for international students. Some academic units provide assistance for students to obtain either paid or unpaid internships within the area business and industry.

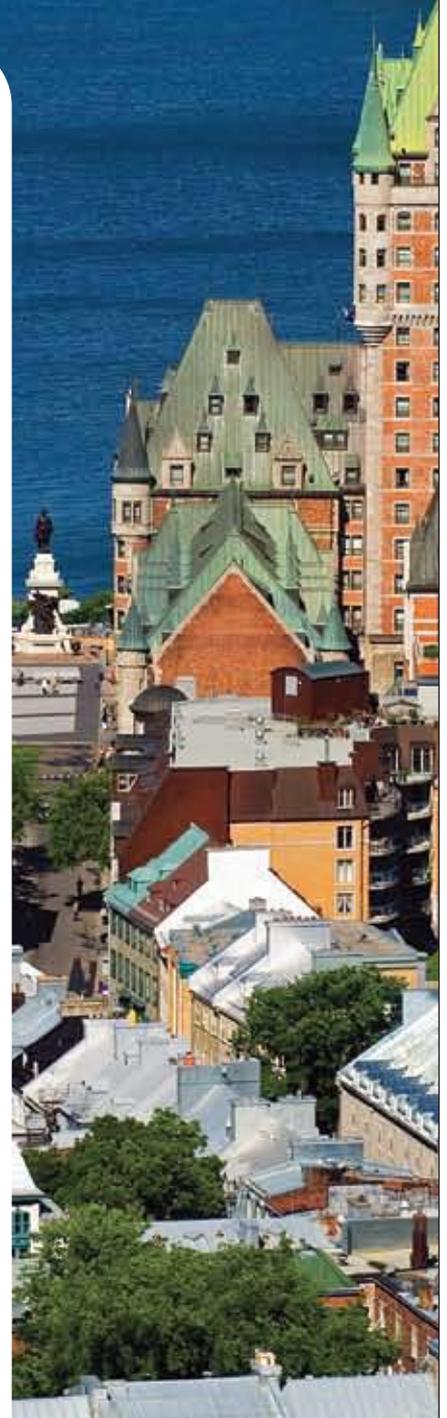
- >> The University provides over 130 academic programs
- >> There are over 15,400 students currently enrolled in the university of which over 10,100 are enrolled for the Under graduate programs
- >> Ninety-five percent of the excellent, award-winning faculties have top degrees in their fields
- >> Ranked as 156th in the country

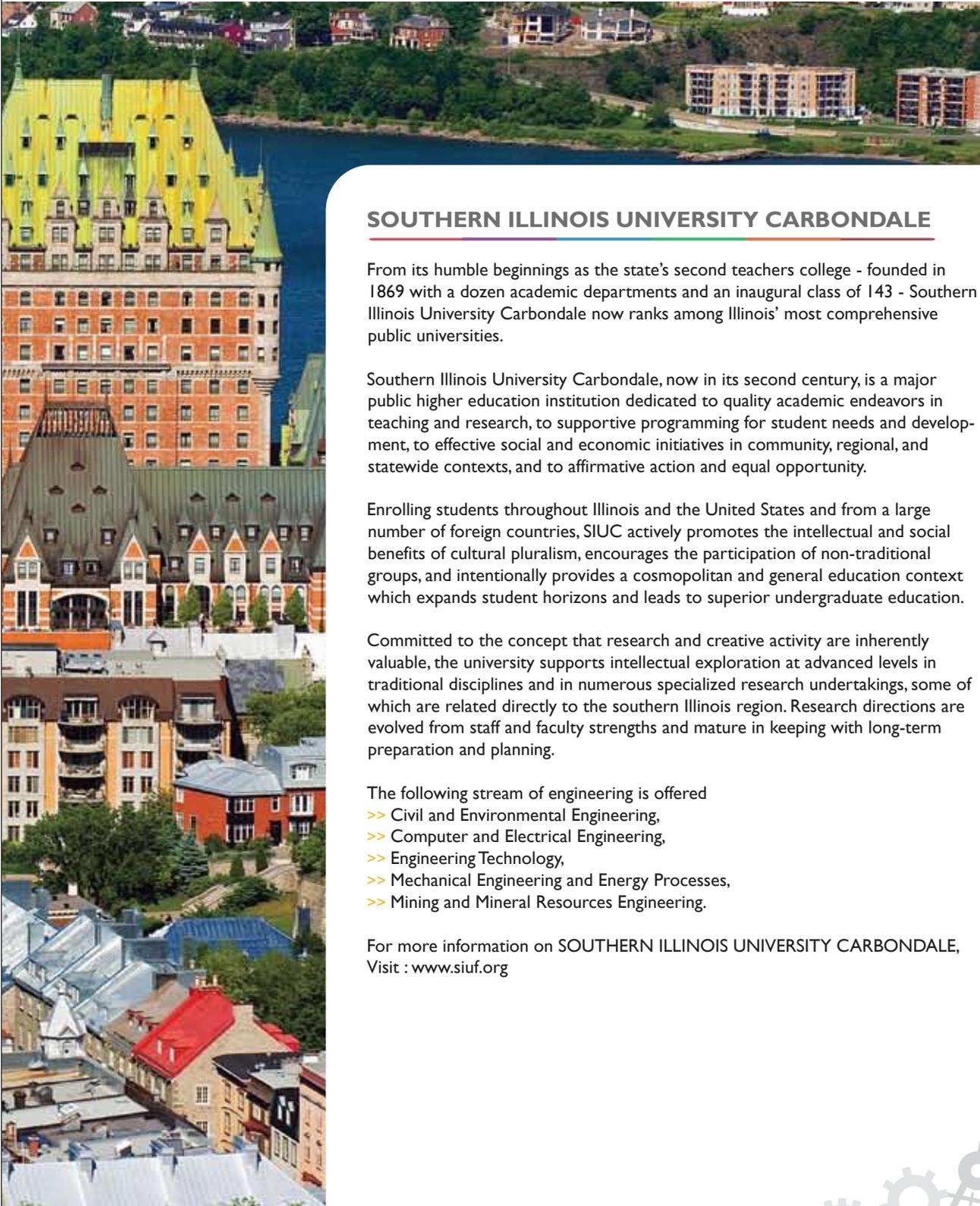
UMKC offers programmes:

- >> Architecture\*
- >> Civil Engineering
- >> Computer Science
- >> Electrical Engineering
- >> Mechanical Engineering
- >> Telecommunications with specialisation in Computer Networking, Software

\* Students must transfer after the first year if registered for these programs.

For more information on University of Missouri:  
Visit [www.umkckangaroos.cstv.com](http://www.umkckangaroos.cstv.com)  
Email [isao@umkc.edu](mailto:isao@umkc.edu)





## SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

From its humble beginnings as the state's second teachers college - founded in 1869 with a dozen academic departments and an inaugural class of 143 - Southern Illinois University Carbondale now ranks among Illinois' most comprehensive public universities.

Southern Illinois University Carbondale, now in its second century, is a major public higher education institution dedicated to quality academic endeavors in teaching and research, to supportive programming for student needs and development, to effective social and economic initiatives in community, regional, and statewide contexts, and to affirmative action and equal opportunity.

Enrolling students throughout Illinois and the United States and from a large number of foreign countries, SIUC actively promotes the intellectual and social benefits of cultural pluralism, encourages the participation of non-traditional groups, and intentionally provides a cosmopolitan and general education context which expands student horizons and leads to superior undergraduate education.

Committed to the concept that research and creative activity are inherently valuable, the university supports intellectual exploration at advanced levels in traditional disciplines and in numerous specialized research undertakings, some of which are related directly to the southern Illinois region. Research directions are evolved from staff and faculty strengths and mature in keeping with long-term preparation and planning.

The following stream of engineering is offered

- >> Civil and Environmental Engineering,
- >> Computer and Electrical Engineering,
- >> Engineering Technology,
- >> Mechanical Engineering and Energy Processes,
- >> Mining and Mineral Resources Engineering.

For more information on SOUTHERN ILLINOIS UNIVERSITY CARBONDALE,  
Visit : [www.siuof.org](http://www.siuof.org)





## UNIVERSITY OF ILLINOIS, URBANA CHAMPAGNE

Established in the year 1867, UIUC is the flagship campus of the University of Illinois system.

It is a world leader in research, teaching and public engagement. It is distinguished by the breadth of its programs, broad academic excellence, and internationally renowned faculty. The university's prominent alumni are Nobel and Pulitzer Prize winners, outstanding athletes including Olympic medallists, astronauts, scientists and leaders of international corporations.

The consistently top-ranked College of Engineering offers students a challenging and rewarding program of study at one of the nation's premier public research institutions. The students graduate with a solid footing in engineering and flexibility to move into business, law, medicine and other fields.

Students are encouraged to put their developing knowledge and skills to work as members of research teams, as entrepreneurs and as humanitarians. Engineering at Illinois is truly a transformational experience for students.

- >> U.S. News & World Report ranked the undergraduate program 45th among nationally accredited universities and 13th among nationally accredited public universities
- >> The graduate program had 60 disciplines ranked within the top 30 nationwide, including 23 within the top five
- >> In 2012, Illinois was ranked 56th in the world by QS World University Rankings
- >> Newsweek International listed Illinois as one of Top 100 Global Universities
- >> The Princeton Review has elected Illinois one of the 366 best colleges out of nearly 5,000 degree-granting institutions of higher education in the United States
- >> The College of Engineering is ranked 6th in undergraduate and 5th in graduate programs nationally

Courses are offered in the following disciplines:

- >> Aerospace Engineering\*
- >> Chemical engineering
- >> Civil and Environmental Engineering
- >> Computer Science Engineering
- >> Electrical engineering
- >> Industrial Engineering
- >> Material Science Engineering
- >> Mechanical Engineering

\* Students must transfer after the first year if registered for these programs.

For more information on UIUC:  
Visit [www.engineering.illinois.edu](http://www.engineering.illinois.edu)





## UNIVERSITY OF BUFFALO

University at Buffalo is premier, research-intensive public university dedicated to academic excellence. The university offers more than 100 undergraduate degrees, 205 master's degrees and 94 doctoral and professional degrees. UB has the widest range of academic programs of any public institution in New York or New England.

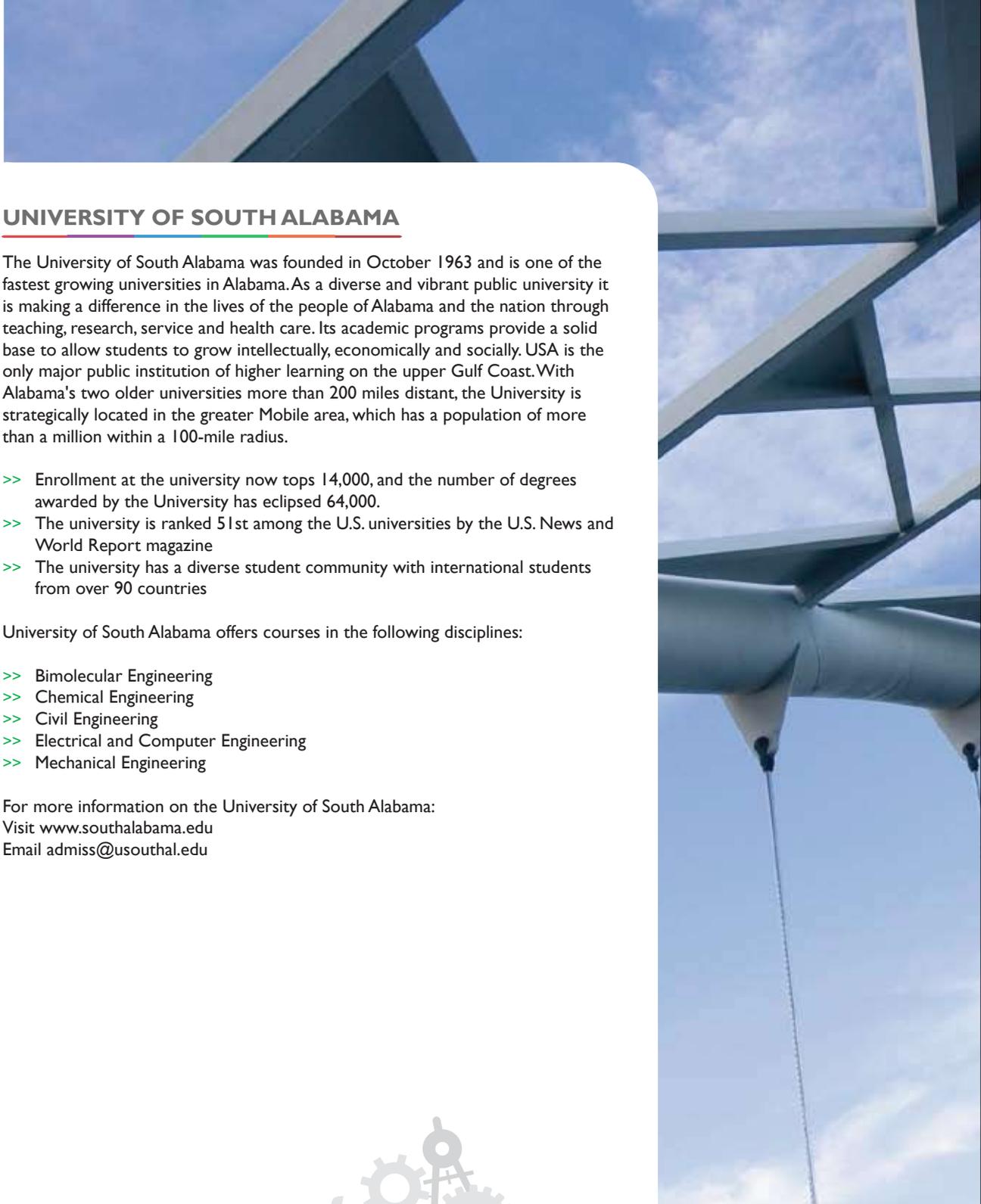
- >> UB is first in the nation among comprehensive public research universities in terms of percentage of enrolment that is international.
- >> The university has more than 230,000 alumni who live in every state and 130 countries around the world.
- >> University at Buffalo has been awarded 126 (FY2004-FY2012) patents.
- >> It is ranked as the 65th best undergraduate engineering school according to U.S. News & World Report, 2014

The Engineering streams offered by the university are:

- >> Aerospace Engineering
- >> Bioinformatics
- >> Biomedical Engineering
- >> Chemical Engineering
- >> Civil Engineering
- >> Computer Engineering
- >> Computer Science
- >> Electrical Engineering
- >> Engineering Physics
- >> Environmental Engineering
- >> Industrial Engineering
- >> Materials Science and Engineering
- >> Mechanical Engineering

For more information on the University at Buffalo  
Thomas Murdock  
Senior Director, Communications  
Buffalo Niagara Partnership  
716.541.1729  
tmurdock@thepartnership.org  
www.thepartnership.org





## UNIVERSITY OF SOUTH ALABAMA

The University of South Alabama was founded in October 1963 and is one of the fastest growing universities in Alabama. As a diverse and vibrant public university it is making a difference in the lives of the people of Alabama and the nation through teaching, research, service and health care. Its academic programs provide a solid base to allow students to grow intellectually, economically and socially. USA is the only major public institution of higher learning on the upper Gulf Coast. With Alabama's two older universities more than 200 miles distant, the University is strategically located in the greater Mobile area, which has a population of more than a million within a 100-mile radius.

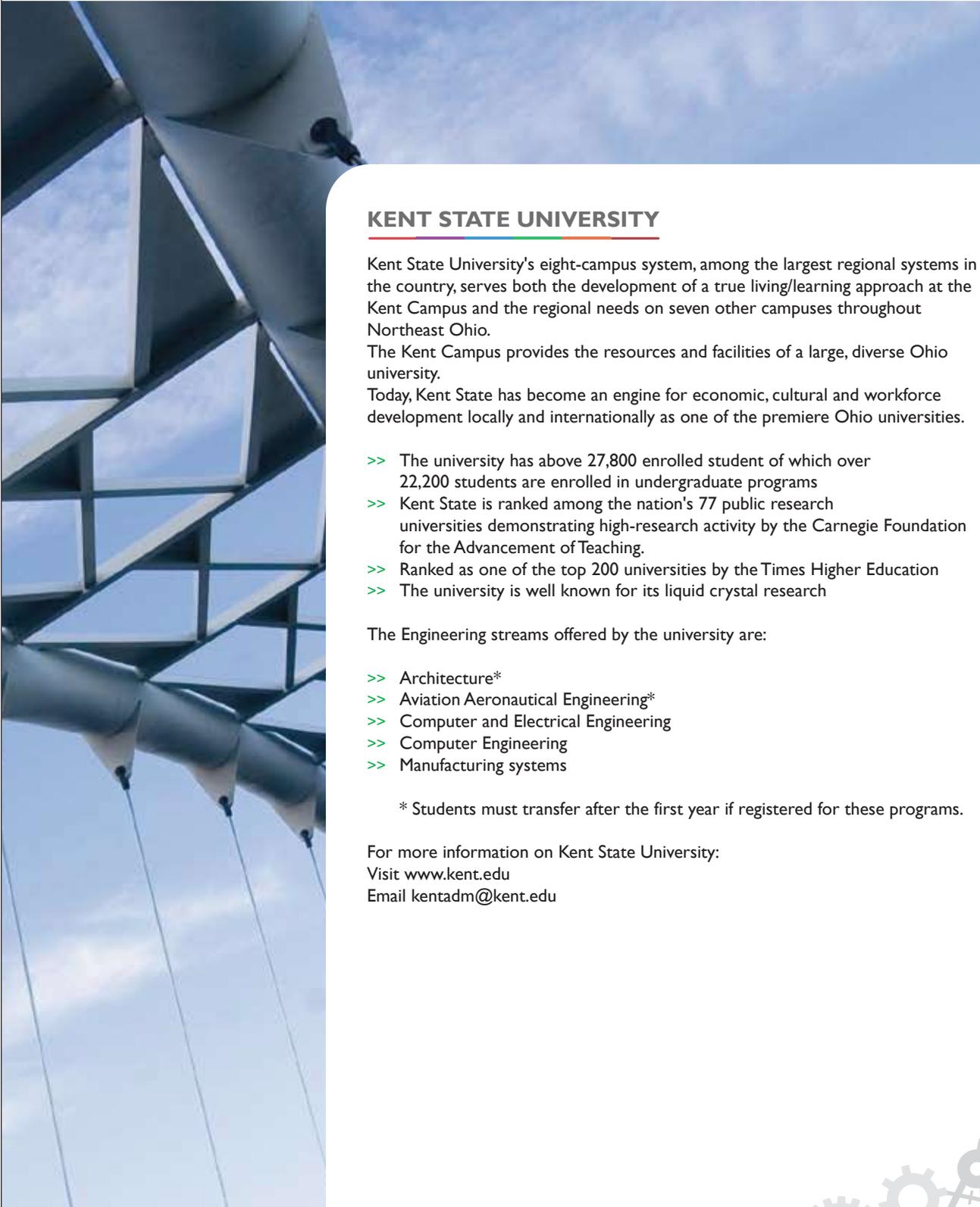
- >> Enrollment at the university now tops 14,000, and the number of degrees awarded by the University has eclipsed 64,000.
- >> The university is ranked 51st among the U.S. universities by the U.S. News and World Report magazine
- >> The university has a diverse student community with international students from over 90 countries

University of South Alabama offers courses in the following disciplines:

- >> Biomolecular Engineering
- >> Chemical Engineering
- >> Civil Engineering
- >> Electrical and Computer Engineering
- >> Mechanical Engineering

For more information on the University of South Alabama:  
Visit [www.southalabama.edu](http://www.southalabama.edu)  
Email [admiss@usouthal.edu](mailto:admiss@usouthal.edu)





## **KENT STATE UNIVERSITY**

Kent State University's eight-campus system, among the largest regional systems in the country, serves both the development of a true living/learning approach at the Kent Campus and the regional needs on seven other campuses throughout Northeast Ohio.

The Kent Campus provides the resources and facilities of a large, diverse Ohio university.

Today, Kent State has become an engine for economic, cultural and workforce development locally and internationally as one of the premiere Ohio universities.

- >> The university has above 27,800 enrolled student of which over 22,200 students are enrolled in undergraduate programs
- >> Kent State is ranked among the nation's 77 public research universities demonstrating high-research activity by the Carnegie Foundation for the Advancement of Teaching.
- >> Ranked as one of the top 200 universities by the Times Higher Education
- >> The university is well known for its liquid crystal research

The Engineering streams offered by the university are:

- >> Architecture\*
- >> Aviation Aeronautical Engineering\*
- >> Computer and Electrical Engineering
- >> Computer Engineering
- >> Manufacturing systems

\* Students must transfer after the first year if registered for these programs.

For more information on Kent State University:

Visit [www.kent.edu](http://www.kent.edu)

Email [kentadm@kent.edu](mailto:kentadm@kent.edu)



## UNIVERSITY OF MISSOURI – COLUMBIA

The University of Missouri was founded in 1839 in Columbia, as the first public university west of the Mississippi River and the first state university in Thomas Jefferson's Louisiana Purchase territory. It provides all the benefits of two universities in one — it's a major land-grant institution and Missouri's largest public research university.

Considered one of the nation's top-tier institutions, Mizzou has a reputation of excellence in teaching and research, and is the flagship campus of the four-campus University of Missouri System.

- >> Mizzou has a diverse enrolment with more than 33,000 students from every county in Missouri, every state in the nation and 115 countries
- >> Over 26,800 students are enrolled in the undergraduate programs
- >> The University of Missouri was ranked 97th in the 2013 U.S. News & World Report
- >> It is one of only 34 public universities, and the only public institution in Missouri, to be selected for membership in the Association of American Universities

The Engineering streams offered by the university are:

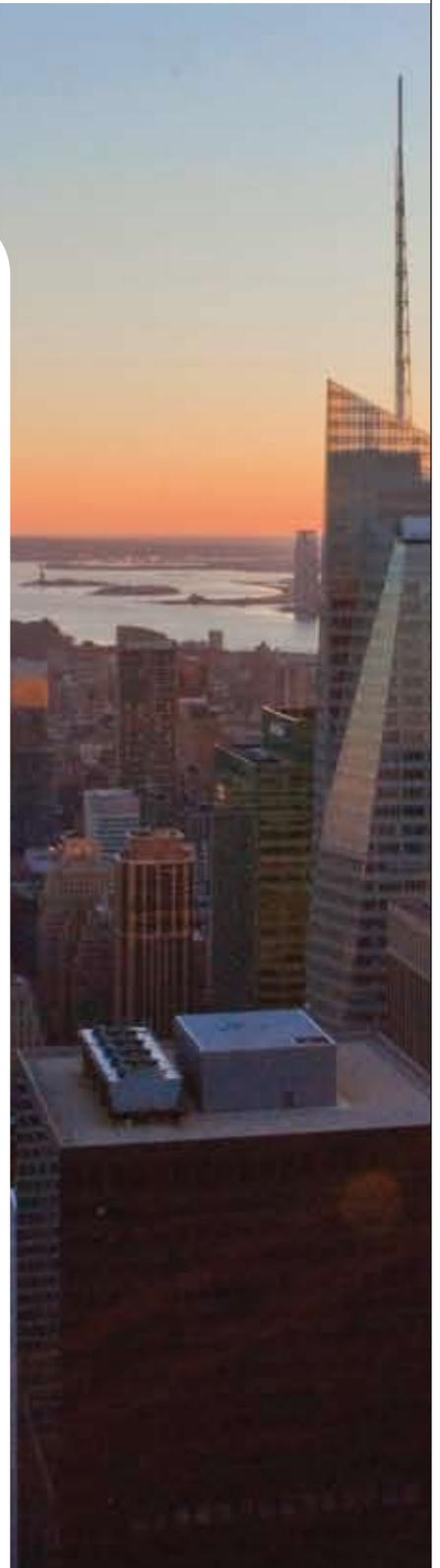
- >> Aerospace Engineering\*
- >> Biological Engineering
- >> Chemical Engineering
- >> Civil and Environmental Engineering
- >> Computer Engineering
- >> Electrical and Computer Engineering
- >> Industrial and Manufacturing Systems Engineering
- >> Information Technology
- >> Mechanical Engineering

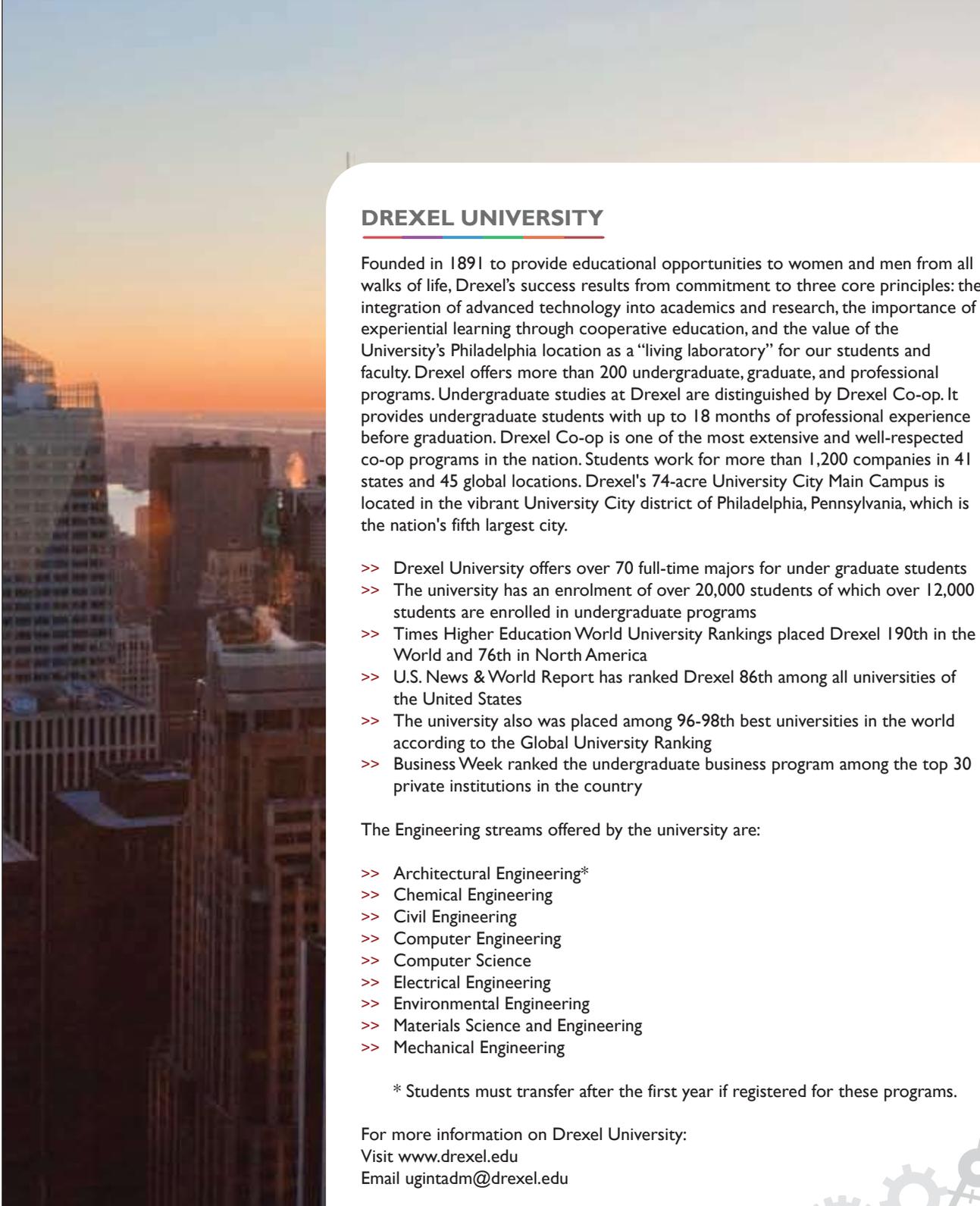
\* Students must transfer after the first year if registered for these programs.

For more information on University of Missouri Columbia:

Visit [www.missouri.edu](http://www.missouri.edu)

Email [khannas@missouri.edu](mailto:khannas@missouri.edu)





## DREXEL UNIVERSITY

Founded in 1891 to provide educational opportunities to women and men from all walks of life, Drexel's success results from commitment to three core principles: the integration of advanced technology into academics and research, the importance of experiential learning through cooperative education, and the value of the University's Philadelphia location as a "living laboratory" for our students and faculty. Drexel offers more than 200 undergraduate, graduate, and professional programs. Undergraduate studies at Drexel are distinguished by Drexel Co-op. It provides undergraduate students with up to 18 months of professional experience before graduation. Drexel Co-op is one of the most extensive and well-respected co-op programs in the nation. Students work for more than 1,200 companies in 41 states and 45 global locations. Drexel's 74-acre University City Main Campus is located in the vibrant University City district of Philadelphia, Pennsylvania, which is the nation's fifth largest city.

- >> Drexel University offers over 70 full-time majors for under graduate students
- >> The university has an enrolment of over 20,000 students of which over 12,000 students are enrolled in undergraduate programs
- >> Times Higher Education World University Rankings placed Drexel 190th in the World and 76th in North America
- >> U.S. News & World Report has ranked Drexel 86th among all universities of the United States
- >> The university also was placed among 96-98th best universities in the world according to the Global University Ranking
- >> Business Week ranked the undergraduate business program among the top 30 private institutions in the country

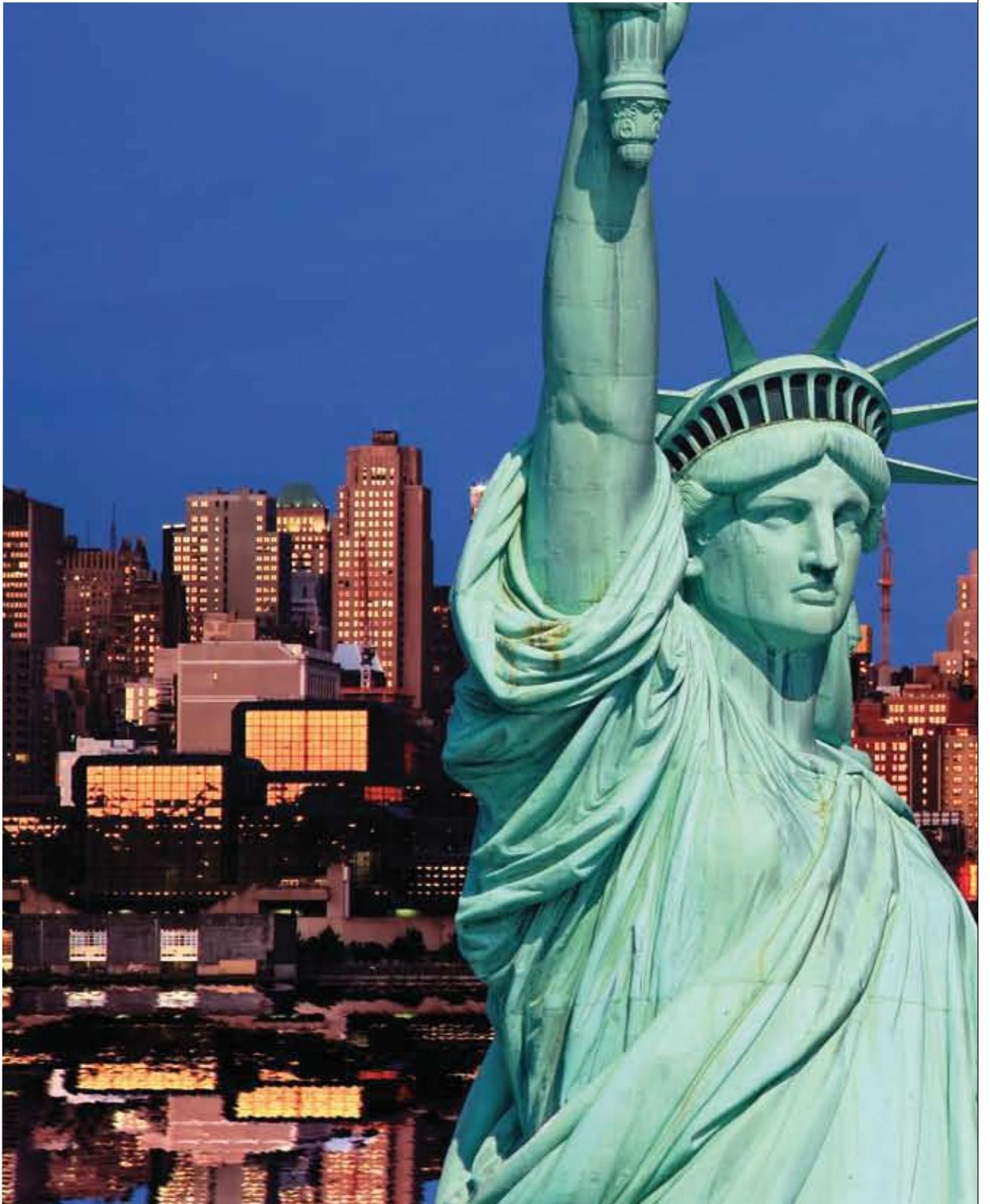
The Engineering streams offered by the university are:

- >> Architectural Engineering\*
- >> Chemical Engineering
- >> Civil Engineering
- >> Computer Engineering
- >> Computer Science
- >> Electrical Engineering
- >> Environmental Engineering
- >> Materials Science and Engineering
- >> Mechanical Engineering

\* Students must transfer after the first year if registered for these programs.

For more information on Drexel University:  
Visit [www.drexel.edu](http://www.drexel.edu)  
Email [ugintadm@drexel.edu](mailto:ugintadm@drexel.edu)







## WRIGHT STATE UNIVERSITY

Wright State University is located in Dayton, OH – the birthplace of aviation. Over the last 45 years, Wright State University has welcomed and graduated thousands of international students. Wright State's Raj Soin College of Business is AACSB accredited (achieved by less than 5% of the business schools worldwide), Kno.e.sis center in the Russ College of Engineering & Computer Science shared the second rank worldwide in the area of World Wide Web area of computer science based on Microsoft Academic Search Ranking, our online Master of Education and Master of Nursing degrees ranked among the nation's top online graduate education programs by U.S. News & World Report in 2013, programs in the School of Professional Psychology are APA accredited, our National Model United Nations team from the College of Liberal Arts earned top honors in 2013 for 33rd consecutive year and the list goes on and on.

- >> Wright State offers more than 100 undergraduate academic programs, and more than 75 master's, doctoral, and professional programs
- >> Approximately 1650 international students currently attend the university.
- >> Wright State University's campus, research, and technology are all experiencing innovations and growth that make this the best time to be a Wright State Raider!

The College of Engineering and Computer Science (CECS) offers undergraduate courses in the following disciplines:

- >> Biomedical Engineering
- >> Electrical Engineering
- >> Mechanical Engineering
- >> Industrial & Systems Engineering
- >> Materials Science & Engineering
- >> Computer Engineering
- >> Computer Science

For more details please visit [cecs.wright.edu](http://cecs.wright.edu) or <http://www.wright.edu/international-gateway> or <http://www.wright.edu>



## UNITED KINGDOM

### CITY UNIVERSITY LONDON

City University London (informally City University or City) is a public research university located in London, United Kingdom. It was founded in 1894 as the Northampton Institute and became a university in 1966, when it adopted its present name.

City University London is an international University with a reputation for academic excellence and a central London location. The University leads London in education, research and enterprise for business and the professions.

- >> The University is ranked 10th in the UK for both the employability of its graduates (by The Times Good University Guide 2011) and graduate starting salaries (by The Sunday Times University Guide 2011)
- >> The University enrolls over 21,000 students from around 160 countries and academic staff from around 70 countries
- >> It was placed in the top 5% of world universities by Times Higher Education World University Rankings 2010-11
- >> It is ranked 356th in the world in the 2011 QS World University Rankings

The Engineering streams offered by the university are:

- >> Aeronautical Engineering\*
- >> Automotive Engineering
- >> Biomedical Engineering
- >> Civil Engineering
- >> Computer Engineering
- >> Electrical and Electronic Engineering
- >> Mechanical Engineering

\* Students must transfer after the first year if registered for these programs.

For more information on City University London:

Visit [www.city.ac.uk](http://www.city.ac.uk)

Email [s.h.khan@city.ac.uk](mailto:s.h.khan@city.ac.uk)





## LANCASTER UNIVERSITY, LANCASTER

Lancaster University first opened its doors to 330 students in 1964, when it was granted its Royal Charter. The 250 acre Lancaster university campus is located in Lancaster and consists of parkland and academic departments, colleges, halls of residence, libraries, computer facilities, banks, shops and sporting facilities. The university has an international reputation for its academic excellence and is consistently ranked among the top 10 UK universities for teaching quality and research.

- >> Currently the university has over 12,500 students, of which over 9,000 students are enrolled in undergraduate programs
- >> Lancaster University is ranked in the top one percent of universities in the world, listed at 131 in the Times Higher Education international table
- >> Listed at 163rd rank in the QS world university ranking
- >> Lancaster expanded rapidly and now has the 11th highest research quality in the UK and is the 16th highest ranking research institution according to the latest Research Assessment Exercise

The Engineering streams offered by the university are:

- >> Biomedicine and Biotechnology
- >> Communication & Computer Systems
- >> Computer Systems Engineering
- >> Electronic Communication Systems
- >> Electronic Engineering
- >> Information Technology and Media Communications
- >> Intelligent & Robotic Systems
- >> Mechanical Engineering
- >> Mechatronic Engineering

For more information on Lancaster University:

Visit [www.lancas.ac.uk](http://www.lancas.ac.uk)

Email [m.luxon@lancaster.ac.uk](mailto:m.luxon@lancaster.ac.uk)



## SHEFFIELD HALLAM UNIVERSITY, SHEFFIELD

Established in the year 1843 Sheffield Hallam is now a progressive and dynamic modern university Sheffield in the fifth largest city in the UK and has a relatively low cost of living. It is a friendly and multi-cultural city, a great place to live and study. Many of our courses involve industry partners including Network Rail, London Underground and Rolls Royce. Most of the faculty has experienced and involved in research and consultancy to a range of companies. Sheffield Hallam University offers courses, research opportunities and services to business in mechanical engineering, electronic engineering, forensic engineering and design engineering.

- >> The university has an enrolment of over 33,800 students of which over 25,500 students are enrolled in the undergraduate programs
- >> The university has international students from over 90 countries
- >> The Guardian 2013 university league table ranked Sheffield Hallam 83rd out of 120 UK universities
- >> The Times ranked Sheffield Hallam 73rd with respect to student satisfaction

The Engineering streams offered by the university are:

- >> Automotive Design Technology
- >> Computer and Network Engineering
- >> Mechanical Engineering
- >> Aerospace Engineering
- >> Electrical and Electronic Engineering
- >> Electronic Engineering

For more information on Sheffield Hallam University:

Visit [www.shu.ac.uk](http://www.shu.ac.uk)

Email [aces-info@shu.ac.uk](mailto:aces-info@shu.ac.uk)





## UNIVERSITY OF LEICESTER, LEICESTER

The University of Leicester is a leading UK university that delivers high quality undergraduate, postgraduate and professional education and creates research that has international impact. The discovery of DNA Genetic Fingerprinting and pioneering space exploration are the most famous achievements at Leicester, though the world-class research stretches across the arts, engineering, science, medicine, law, education, biological sciences and social sciences.

Leicester attracts students from a wide social and ethnic spectrum and delivers high standards of teaching quality, personal development, academic support and overall satisfaction. The university has top 15 general engineering departments. It has the largest population of Indian origin.

- >> The University enrolls over 15,400 students of which over 9,200 students are enrolled for the undergraduate programs
- >> The university has established itself as a leading research-led university and has been named University of the Year of 2008 by the Times Higher Education
- >> The university has consistently ranked amongst the top 15 universities in the United Kingdom by the Times Good University Guide
- >> Research by Opinion Panel published in 2011 rated Leicester third best in England for the quality of lecturing staff
- >> Ranked 19th in the Guardian and 20th in the complete university guide

The Engineering streams offered by the university are:

- >> Aerospace Engineering\*
- >> Communications and Electronic Engineering
- >> Electrical and Electronic Engineering
- >> Mechanical Engineering

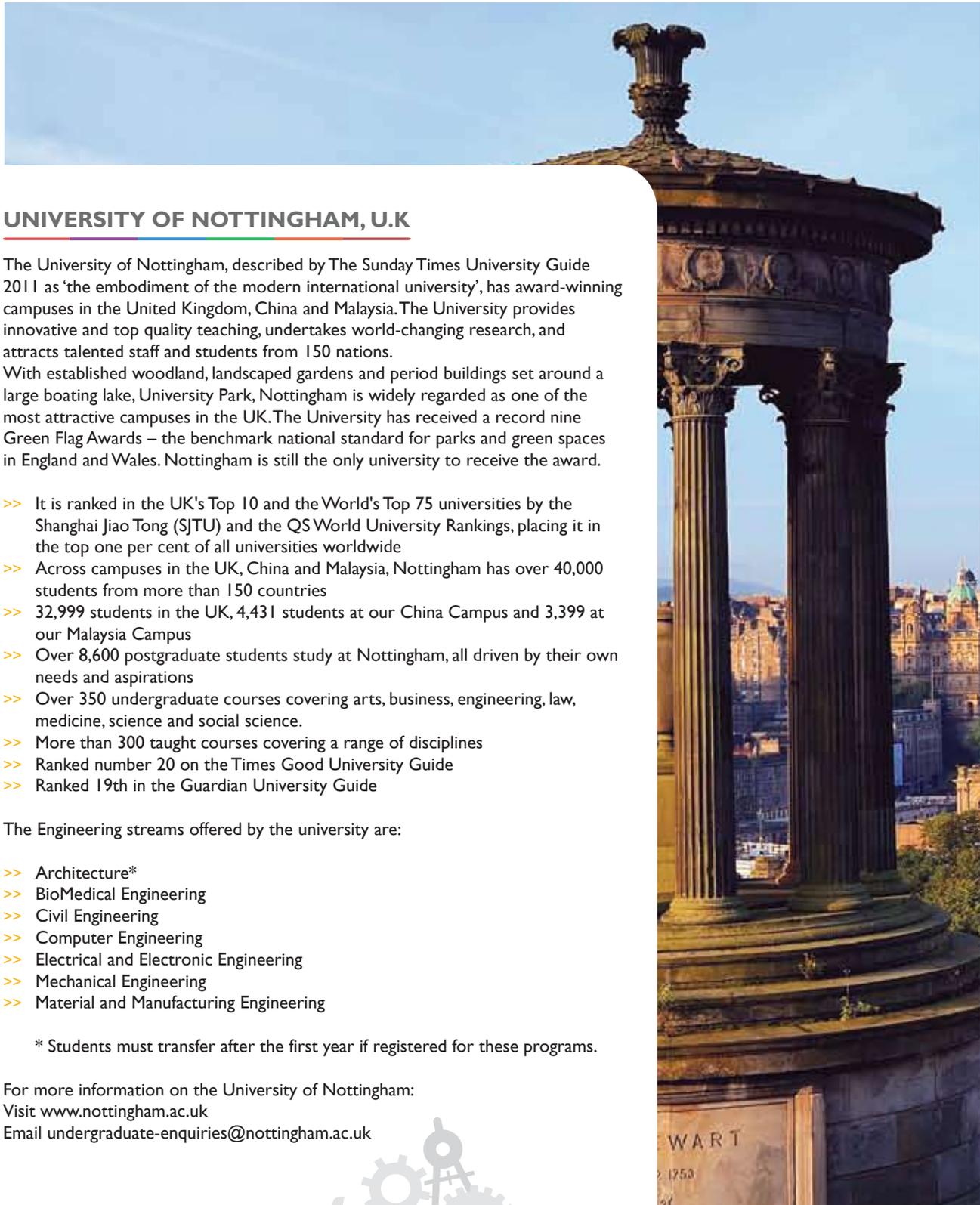
\* Students must transfer after the first year if registered for these programs.

For more information on University of Leicester:

Visit [www.le.ac.uk](http://www.le.ac.uk)

Email [imj1@le.ac.uk](mailto:imj1@le.ac.uk)





## UNIVERSITY OF NOTTINGHAM, U.K

The University of Nottingham, described by The Sunday Times University Guide 2011 as 'the embodiment of the modern international university', has award-winning campuses in the United Kingdom, China and Malaysia. The University provides innovative and top quality teaching, undertakes world-changing research, and attracts talented staff and students from 150 nations.

With established woodland, landscaped gardens and period buildings set around a large boating lake, University Park, Nottingham is widely regarded as one of the most attractive campuses in the UK. The University has received a record nine Green Flag Awards – the benchmark national standard for parks and green spaces in England and Wales. Nottingham is still the only university to receive the award.

- >> It is ranked in the UK's Top 10 and the World's Top 75 universities by the Shanghai Jiao Tong (SJTU) and the QS World University Rankings, placing it in the top one per cent of all universities worldwide
- >> Across campuses in the UK, China and Malaysia, Nottingham has over 40,000 students from more than 150 countries
- >> 32,999 students in the UK, 4,431 students at our China Campus and 3,399 at our Malaysia Campus
- >> Over 8,600 postgraduate students study at Nottingham, all driven by their own needs and aspirations
- >> Over 350 undergraduate courses covering arts, business, engineering, law, medicine, science and social science.
- >> More than 300 taught courses covering a range of disciplines
- >> Ranked number 20 on the Times Good University Guide
- >> Ranked 19th in the Guardian University Guide

The Engineering streams offered by the university are:

- >> Architecture\*
- >> BioMedical Engineering
- >> Civil Engineering
- >> Computer Engineering
- >> Electrical and Electronic Engineering
- >> Mechanical Engineering
- >> Material and Manufacturing Engineering

\* Students must transfer after the first year if registered for these programs.

For more information on the University of Nottingham:

Visit [www.nottingham.ac.uk](http://www.nottingham.ac.uk)

Email [undergraduate-enquiries@nottingham.ac.uk](mailto:undergraduate-enquiries@nottingham.ac.uk)





## **EDINBURGH NAPIER UNIVERSITY, U.K**

Edinburgh Napier University is a dynamic, innovative and forward-looking institution dedicated to supplying educational services which are relevant to the needs of today's students and employers.

By offering creatively designed courses, flexible study methods and accessible routes to higher education the university equips its graduates for success in a competitive job market.

Edinburgh Napier University has been awarded the Queen's Anniversary Prize for Higher and Further Education for 2009, which is awarded biennially to reward universities and colleges that demonstrate work of a world-class standard of excellence.

- >> The university has over 17,800 students of which over 14,900 are enrolled in the various undergraduate courses
- >> The University has nearly 5,000 international students from over 100 countries
- >> Ranked 66th in the Times Good University Guide and 55th in the Guardian University Guide

The Engineering streams offered by the university are:

- >> Advanced Material Engineering
- >> Electrical Engineering
- >> Mechanical Engineering
- >> Civil engineering
- >> Computer Engineering
- >> Mechatronics

For more information on Edinburgh Napier University:  
Visit [www.napier.ac.uk](http://www.napier.ac.uk)  
Email [pgadmissions@napier.ac.uk](mailto:pgadmissions@napier.ac.uk)





## UNIVERSITY OF BIRMINGHAM, U.K

The University of Birmingham was established by Queen Victoria in 1900 and was the UK's first civic or 'redbrick' university. Birmingham is constantly developing and evolving in its desire to become a leading global university. This is being achieved through our enhanced research power and reach; the distinctiveness of our exceptional student experience; the breadth and depth of our academic portfolio; our size and the extent of our global networks.

The University of Birmingham has welcomed international students since 1900. Today we have one of the largest international student communities in the UK with over 4,000 students from more than 150 countries worldwide currently studying with us.

- >> The International Herald Tribune, the global edition of The New York Times, has ranked the University of Birmingham 55th in the world and 9th in UK for post-qualification employability.
- >> The Times Higher Education World University Rankings rated Birmingham 148 out of 400 universities across the globe.
- >> The QS World University Rankings positioned us 77th internationally in the top-700 world universities, placing us 13th out of the 24 Russell Group universities to feature in the ranking.
- >> Birmingham is one of the UK's major participants in the Erasmus programme which encourages student exchanges between leading European institutions: the scheme has 236 partner universities across continental Europe, as well as links with 45 universities outside Europe
- >> We are a founder member of Universitas 21, a global network of 23 research-led universities in 15 countries

The Engineering streams offered by the university are:

- >> Chemical Engineering
- >> Civil Engineering
- >> Mechanical Engineering
- >> Electronic and Electrical engineering
- >> Computer Engineering

For more information on the University of Birmingham :  
Visit [www.birmingham.ac.uk](http://www.birmingham.ac.uk)  
Email [a.kalra@bham.ac.uk](mailto:a.kalra@bham.ac.uk)





## UNIVERSITY OF STRATHCLYDE

The University of Strathclyde began in 1796 when John Anderson, Professor of Natural Philosophy at Glasgow University, left instructions in his will for 'a place of useful learning' - a university open to everyone. His vision was realised when Anderson's University opened later the same year.

Over the first half of the 20th century, the college developed its reputation for technical education and research. It was known for producing some of the best scientists and engineers of its time.

At the time of its Royal Charter in 1964, the University had around 4,000 full-time students and one block of buildings fronted by the Royal College. Today, Strathclyde is the third largest university in Scotland.

Strathclyde's mission as a leading international technological university is reflected in the make-up of its staff and student population, with international staff in each faculty and more than 100 nations represented among the University's students - accounting for 10% of the total.

- >> The University's score of 809 points out of a possible 1000 put it in the top bracket of the QS Stars rankings
- >> The success is the latest endorsement of Strathclyde's education, research, public engagement and student experience, following the 2012 Times Higher Education UK University of the Year award.
- >> Figures published by the Higher Education Statistics Agency in 2013 showed that 93.2% of Strathclyde's 2011-12 graduates were in work or further study six months after their graduation.
- >> The PraxisUnico Spinouts UK Survey, published in August 2013, found that Strathclyde was the fifth most successful UK university for the creation of spinout and start-up companies, with 97 established since 2000.

The Engineering streams offered by the university are:

- >> Aero-Mechanical Engineering
- >> Bio-Medical Engineering
- >> Civil Engineering
- >> Electronic and Electrical Engineering
- >> Naval Architecture with Ocean Engineering
- >> Mechanical Engineering

For more information on University of Strathclyde

Visit [www.strath.ac.uk](http://www.strath.ac.uk)

Email [alex.galloway@strath.ac.uk](mailto:alex.galloway@strath.ac.uk)



## AUSTRALIA

### UNIVERSITY OF QUEENSLAND

The University of Queensland (UQ) is in the top 100 universities worldwide, measured through a number of major independent university rankings: the Academic Ranking of World Universities, Times Higher Education World University Rankings, QS World University Rankings and, Performance Ranking of Scientific Papers for World Universities. UQ is also the largest university in Queensland.

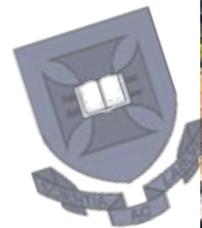
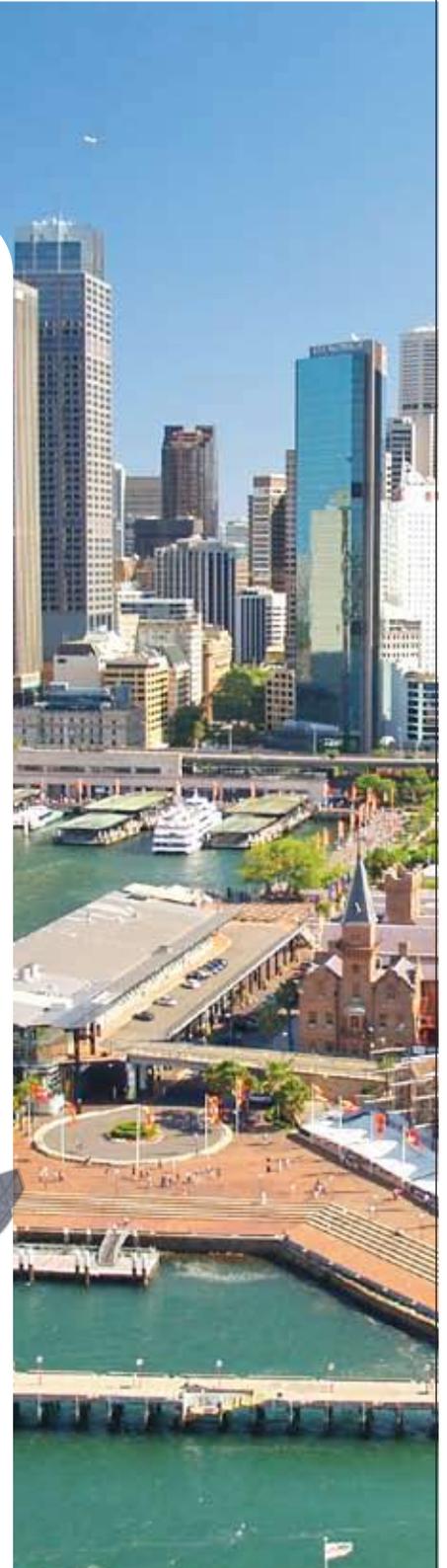
The UQ Advantage provides students with opportunities, choices and support that will enable them to achieve their individual aspirations, to become leaders in their chosen fields and to positively impact on the society in which they live. The University introduced the UQ Career Advantage PhD program – another first nationally – designed to accelerate PhD students' career development and enhance their employability.

- >> University of Queensland has been ranked 43rd world best university by QS world university rankings in the year 2013.
- >> University of Queensland was ranked 85th in the world by Academic ranking of world universities ranked in the year 2013
- >> Times higher education world university rankings ranked the University of Queensland 65th in the world in the year 2012.

The Engineering streams offered by the university are:

- >> Chemical Engineering
- >> Chemical and Materials Engineering
- >> Chemical and Metallurgical Engineering
- >> Civil Engineering
- >> Civil and Environmental Engineering
- >> Civil and Geotechnical Engineering
- >> Electrical Engineering
- >> Electrical and Biomedical Engineering
- >> Electrical and Computer Engineering
- >> Mechanical Engineering
- >> Mechanical and Aerospace Engineering
- >> Mechanical and Materials Engineering
- >> Mechatronic Engineering
- >> Mining Engineering
- >> Mining and Geotechnical Engineering
- >> Software Engineering

For more information on University of Queensland  
Visit [www.uq.edu.au](http://www.uq.edu.au)  
Email [s.rokani@uq.edu.au](mailto:s.rokani@uq.edu.au)





## AUSTRALIAN NATIONAL UNIVERSITY, AUSTRALIA

The Australian National University (ANU) is one of the world's leading centres for research and education. In the 2013 QS World University Rankings ANU was ranked 24th in the world and 1st in Australia. The University is consistently ranked among the top 50 universities in the world by a range of international measures and has produced more Nobel Prize winners, members of the Royal Society and Federation Fellows than any other Australian university.

ANU scholars lead global thinking on issues of national and international significance, and students go on to become leaders in their home countries and on the world stage.

The College's staff and students are currently working with companies in Germany on the research and development of new solar cell technologies, as well as companies in the US including Sun Microsystems, Gaussian and Intel in order to create new high-performance computer systems and hardware. We also have strong relationships closer to home; we work with TransGrid on their complex systems for electricity grids, and also with the Department of Defence in robotics and autonomous unmanned vehicles.

Engineering Streams Available:

- >> Bachelor of Engineering – Research and Development Program
- >> Bachelor of Engineering with majors in
  - Electronics & Communication Systems
  - Mechanical & Materials Systems
  - Mechatronic Systems
  - Renewable Energy Systems
- >> Bachelor of Software Engineering
- >> Bachelor of Advanced Computing – Research and Development Program
- >> Bachelor of Advanced Computing with majors in
  - Human-Centric Computing
  - Computer Engineering
  - Computational Foundations
  - Information-Intensive Computing
  - Intelligent Systems

For more information on Australian National University:

Visit [icasadmissions@manipal.edu](mailto:icasadmissions@manipal.edu)





## DEAKIN UNIVERSITY, GEELONG, VICTORIA

Established in 1974, Deakin University is one of Australia's most progressive and visionary universities. Based in the state of Victoria, the university has five campuses. It is reputed for using information technology to deliver courses in new and most imaginative ways. Deakin aims to give its graduates the edge in employment markets and prepare them for leadership in industry and other professions.

All Deakin students have choices about the way they study. Students can attend lectures on campus and receive face-to-face teaching. Deakin students can gain credit or advanced standing for relevant prior study or industry experience. Fees are competitive and summer semesters can help students complete their degree in minimum time. Deakin University degrees are recognised world-wide including Australian Professional Associations. It is also known for the support services provided to the international students and its multicultural and supportive staff.

- >> The university has been awarded the prestigious Australian 'University of the Year' in 1995/ 1996 for its 'use of technology in teaching and learning' and again in 1999/2000, for 'outstanding partnerships and training'
- >> The university is ranked in the top band of Australian universities by the Australian Government's Committee for Quality Assurance in Higher Education
- >> Ranked number 355 in the world in the Times Higher Education
- >> Ranked 272 in the world in the QS World University Ranking for Engineering and Technology

The Engineering streams offered by the university are:

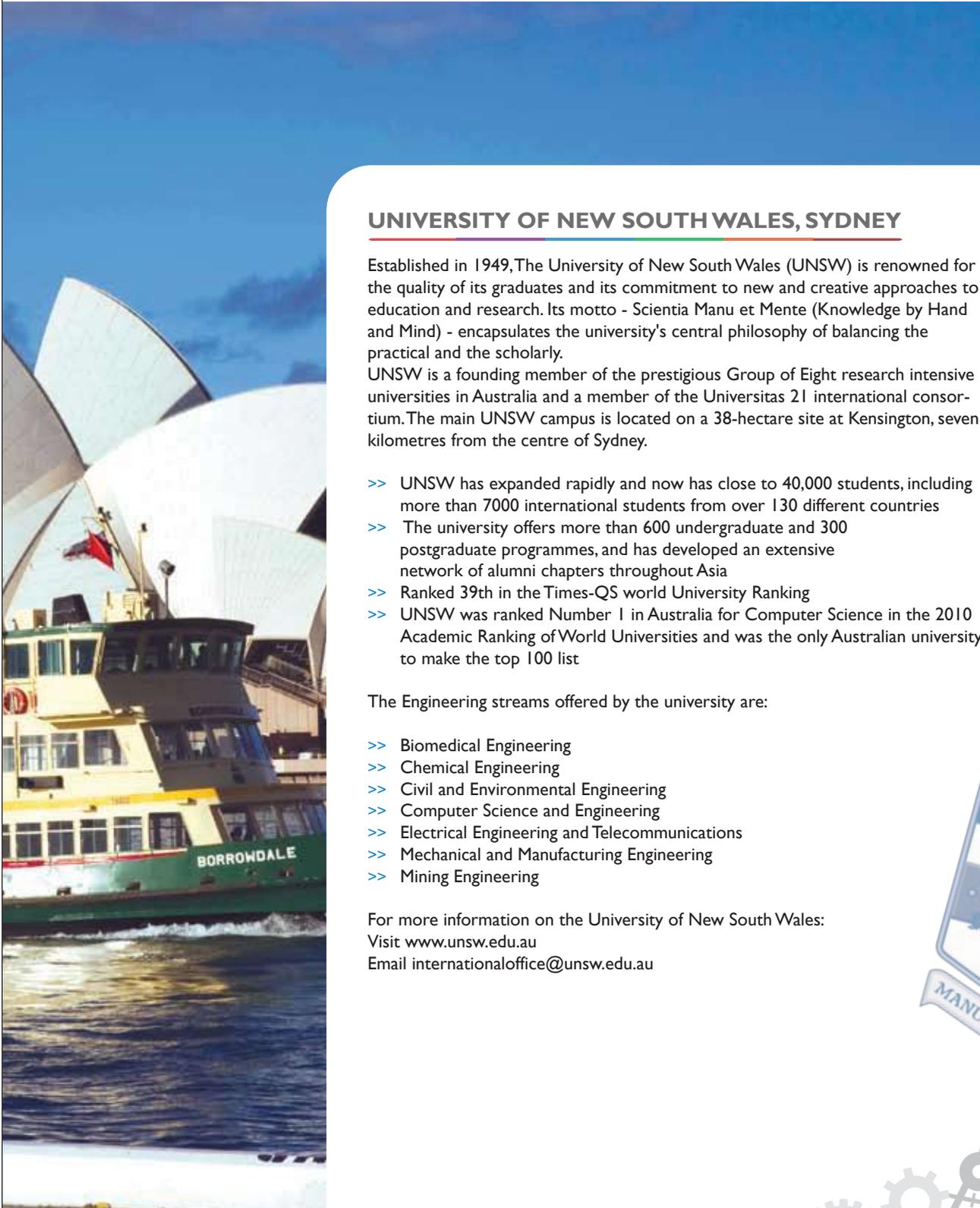
- >> Computronics
- >> Environmental Engineering
- >> Mechatronics
- >> Manufacturing Engineering

For more information on Deakin University:

Visit [www.deakin.edu.au](http://www.deakin.edu.au)

Email [ravneet.pahwa@deakin.edu.au](mailto:ravneet.pahwa@deakin.edu.au)





## UNIVERSITY OF NEW SOUTH WALES, SYDNEY

Established in 1949, The University of New South Wales (UNSW) is renowned for the quality of its graduates and its commitment to new and creative approaches to education and research. Its motto - *Scientia Manu et Mente* (Knowledge by Hand and Mind) - encapsulates the university's central philosophy of balancing the practical and the scholarly.

UNSW is a founding member of the prestigious Group of Eight research intensive universities in Australia and a member of the Universitas 21 international consortium. The main UNSW campus is located on a 38-hectare site at Kensington, seven kilometres from the centre of Sydney.

- >> UNSW has expanded rapidly and now has close to 40,000 students, including more than 7000 international students from over 130 different countries
- >> The university offers more than 600 undergraduate and 300 postgraduate programmes, and has developed an extensive network of alumni chapters throughout Asia
- >> Ranked 39th in the Times-QS world University Ranking
- >> UNSW was ranked Number 1 in Australia for Computer Science in the 2010 Academic Ranking of World Universities and was the only Australian university to make the top 100 list

The Engineering streams offered by the university are:

- >> Biomedical Engineering
- >> Chemical Engineering
- >> Civil and Environmental Engineering
- >> Computer Science and Engineering
- >> Electrical Engineering and Telecommunications
- >> Mechanical and Manufacturing Engineering
- >> Mining Engineering

For more information on the University of New South Wales:

Visit [www.unsw.edu.au](http://www.unsw.edu.au)

Email [internationaloffice@unsw.edu.au](mailto:internationaloffice@unsw.edu.au)



## FLINDERS UNIVERSITY, ADELAIDE

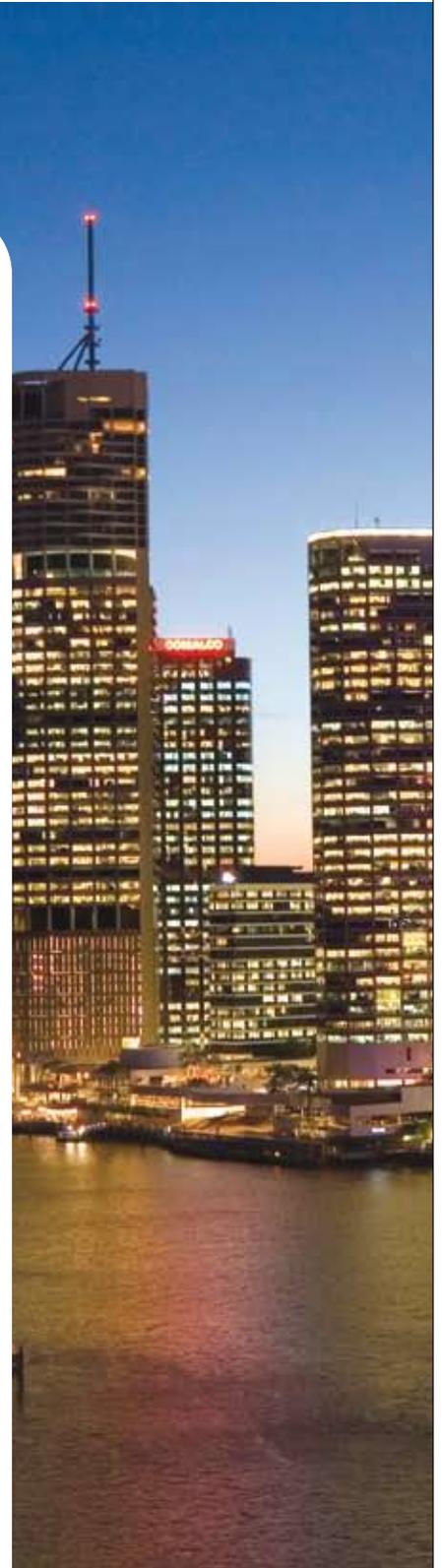
Since its establishment in 1966, Flinders University has achieved much of which it can be very proud and enjoys a well-justified reputation for its excellence in teaching and research. It has a long-standing commitment to enhancing educational opportunities for all. Recent awards show that Flinders offers some of the best university teaching in Australia having won Australian university teacher of the year twice in the past six years

- >> Flinders University has been consistently ranked ninth among Australian universities by the Melbourne Institute in its well-regarded national research rankings, and is generally placed in the top ten Universities in Australia in international rankings, such as those produced by Shanghai Jiaotong University
- >> Flinders has attracted students from over 100 countries and its alumni have built careers and lives that enrich communities across Australia and throughout the world
- >> It is a member of the Innovative Research Universities (IRU) Group and ranks 17 in Australia
- >> Ranked 342 in the QS World University Rankings

The Engineering streams offered by the university are:

- >> Biomedical Engineering
- >> Electronic Engineering
- >> Computer Engineering
- >> Mechanical Engineering

For more information on Flinders University:  
Visit [www.flinders.edu.au](http://www.flinders.edu.au)  
Email [tanya.clarke@flinders.edu.au](mailto:tanya.clarke@flinders.edu.au)





## UNIVERSITY OF TECHNOLOGY, SYDNEY

UTS is a dynamic and cosmopolitan university that marks the gateway to Sydney - Australia's economic, multicultural and creative global city, and celebrated its 20th anniversary in 2008.

UTS has a singular vision, to be a world-leading university of technology. In order to achieve this, its leadership in learning and teaching is coupled with international renown in research, and a world-class infrastructure that supports its vibrant intellectual environment. The achievement of its vision relies on attracting high quality students, academics, researchers and administrators; people who are passionate about knowledge, learning, discovery and creativity.

UTS will continue to build on its enviable reputation for a fusion of innovation, creativity and technology; precisely the characteristics that make it and its graduates highly sought after by global industry. Recent market research confirms that NSW leaders in business, the professions and government believe it has the most industry-focused approach of all Sydney metropolitan universities.

As you navigate around the UTS website, it will become very clear that UTS excels in many academic and professional areas. You will also understand its friendly, collaborative and equitable culture, and a strong commitment to its local and global communities.

- >> UTS has been ranked 234th in the World's Top 500 universities by the Times HES
- >> Universities given A1 ratings across all major disciplines in 2007 and 2008 by the Federal Government Education department
- >> Ranked 14th in Engineering amongst Australian Colleges

The Engineering streams offered by the university are:

- >> Electrical Engineering
- >> Mechanical Engineering
- >> Mechanical & Mechatronic Engineering
- >> Civil Engineering
- >> Civil and Environmental Engineering
- >> Innovation Engineering

For more information on University of Technology:  
Visit [www.uts.edu.au](http://www.uts.edu.au)  
Email [international@uts.edu.au](mailto:international@uts.edu.au)



## QUEENSLAND UNIVERSITY OF TECHNOLOGY, BRISBANE

Based in Brisbane, Australia, QUT is a global education leader renowned for its internationally focused courses, ground breaking research and strong links with industry.

The key aim of QUT is to produce job-ready graduates with the skills and abilities to work anywhere in the world. QUT offers more than 650 undergraduate and postgraduate study options, as well as English language, Foundation and pathways to degrees with our University Diploma programs. Choose from a large range of courses in Built Environment and Engineering, Business, Creative Industries, Education, Health, Law and Justice, and Science and Technology.

- >> QUT has a student population of 40,000 students, and nearly 6,800 of these are international students from more than 100 countries
- >> Ranked 281 in the QS World University Ranking

The Engineering streams offered by the university are:

- >> Aerospace/Aviation Engineering\*
- >> BioMedical Engineering
- >> Civil and Environmental Engineering
- >> Civil Engineering
- >> Computer Engineering
- >> Electrical Engineering
- >> Mechanical Engineering
- >> Mechatronics

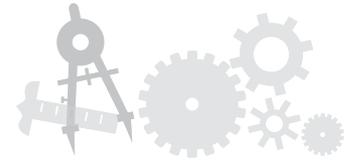
\* Students must transfer after the first year if registered for these programs.

For more information on Queensland University of Technology:

Visit [www.qut.edu.au](http://www.qut.edu.au)

Email [j.hogan@qut.edu.au](mailto:j.hogan@qut.edu.au)





## **RMIT UNIVERSITY, MELBOURNE**

RMIT is a global university of technology and design and Australia's largest tertiary institution. The University enjoys an international reputation for excellence in practical education and outcome-oriented research.

RMIT is a leader in technology, design, global business, communication, global communities, health solutions and urban sustainable futures.

RMIT has three campuses in Melbourne, Australia, and two in Vietnam, offering programs through partners in Singapore, Hong Kong, mainland China, Malaysia, India and Europe. It enjoys research and industry partnerships on every continent.

- >> The University's student population of 74,000 includes 30,000 international students
- >> It is ranked in the top 100 universities in the world for engineering and technology in the 2011 QS World University Rankings.
- >> It is ranked in the top 10 universities in Australia and top 3 in Victoria in terms of its research output
- >> It is ranked as the top entrepreneurial university in Australia and 12th in the world according to GESA's Top Entrepreneurial Universities list

The Engineering streams offered by the university are:

- >> Aerospace/Aviation Engineering\*
- >> Architecture\*
- >> Automotive Engineering
- >> BioMedical Engineering
- >> Chemical Engineering
- >> Civil Engineering
- >> Computer and network engineering
- >> Electrical Engineering
- >> Electronic and Communications Engineering
- >> Environmental Engineering
- >> Mechanical Engineering
- >> Mechatronics

\* Students must transfer after the first year if registered for these programs.

For more information on RMIT:

Visit [www.rmit.edu.au](http://www.rmit.edu.au)

Email [monir.takla@rmit.edu.au](mailto:monir.takla@rmit.edu.au)



## FEDERATION UNIVERSITY, AUSTRALIA

Federation University Australia (FedUni) is Australia's newest University built on a history of success. FedUni was created by bringing together the University of Ballarat and the Monash University Gippsland Campus. FedUni offers access to higher education, TAFE, secondary schooling and research opportunities. With campuses in Ballarat, Gippsland and the Wimmera, the University's programs are also delivered online and via a range of partner institutes across Australia and around the globe.

FedUni has around 23,000 international and domestic students. FedUni offers the best of both worlds; combining a strong tradition of 144 years of tertiary education with the freedom and dynamism that comes with being a multi-sector University with close links to local industry and technology.

- >> The programs are regularly reviewed to ensure they have national and international relevance. The University's close links with major industries play an important role in the design and academic rigour of programs.
- >> As one of Victoria's 5-star universities\*, Federation University offers over 750 programs - from short courses to degrees and beyond.
- >> The student population at Federation University includes people from all over the world. This combination of Australian and international cultures provides students with a positive and enriching on-campus experience.

The following streams of engineering are offered:

- >> Civil Engineering
- >> Mechanical Engineering
- >> Mining Engineering
- >> Civil and Environmental Engineering
- >> Mechatronics Systems Engineering

For more information on Federation University,  
Visit: [www.federation.edu.au](http://www.federation.edu.au)



## FRANCE



### ESIGELEC

A Grande Ecole – accredited by the French Commission of Engineering Titles (CTI) to award the Engineering degree and by the French Ministry of Higher Education and Research to award the Master's degrees, has been delivering and developing quality engineering education since its creation in 1901, with a strong industrial and international outlook.

ICAS is proud to announce the first Indo-French Integrated Master's programme in association with ESIGELEC.

#### Highlights:

- >> An engineering degree fully recognized by the French Ministry of Higher Education and Research and having the European label EUR-ACE (European Accreditation for Engineering Degrees)
- >> Strong ties with industry inside and outside the school: Orange Telecom, Renault, Aircelle, Thales, Valéo and other major players form a part of its network with over 3000 companies
- >> Faculty from ESIGELEC, from our renowned partner universities abroad (60) and from industry (70)
- >> 20% non-engineering courses for overall development, including Project Management, Business and Languages which includes French Language training
- >> A vibrant student life coupled with an international learning environment

#### Course structure:

- >> 1st – 4th Semester: At Manipal University – B.Sc in Electronics and Communication
- >> 5th – 6th Semester: At ESIGELEC – B.Sc in Electronics and Communication
- >> 7th -10th Semestger: At ESIGELEC – M.S in Electronics and Communication

#### Degrees:

- >> B.Sc – awarded by Manipal University (At the end of the 3rd year)
- >> M.S – awarded by ESIGELEC (At the end of the 5th year)

#### Procedure:

A maximum of 10 students will be granted admission to this programme on the basis of an entrance test (Mathematics and Physics).

Entrance test venue& date: Refer ICAS website.

Esigelec-india Office  
G-16, Gem Plaza  
#66 Infantry Road  
Bangalore - 560001  
Tel: +91 80 42 05 80 24  
Email: [indiaoffice@esigelec.fr](mailto:indiaoffice@esigelec.fr)  
Web site - [www.esigelec.fr](http://www.esigelec.fr)



## CANADA

### QUEEN'S UNIVERSITY, KINGSTON

Queen's is one of Canada's leading universities, with an international reputation for scholarship, research, social purpose, and spirit. Consistently highly-ranked, Queen's is known for its incomparable 24-hour learning environment. Great teaching, great students, community and tradition - these are the hallmarks of the Queen's experience.

Queen's student body represents 83 different countries, along with every Canadian province and territory. Our faculty is drawn from some of the most prestigious institutions in the world, and Queen's faculty members regularly receive international recognition and numerous teaching awards for their research and innovative contributions. 85% of students live within a 15-minute walk to campus; 90% of first-year students live in residence and has more than 500 student clubs, organizations, associations, and societies. Highly rated among Canadian universities for the percentage of its operating budget directed to student financial assistance. These funds, combined with the generous support of donors, provide students with nearly \$40 million in total assistance each year.

- >> The university enrolls over 23,800 students of which over 14,900 are enrolled for the under graduate programs
- >> Queens University has consistently been ranked one of Canada's top universities.
- >> The Times Higher Education World University Ranking placed Queen's 173rd in the world and 7th in Canada
- >> The QS world University Rankings ranked the university 175th in the world and 7th in Canada

The Engineering streams offered by the university are:

- >> Chemical Engineering
- >> Civil Engineering
- >> Electrical and Computer Engineering
- >> Mechanical Engineering
- >> Materials Engineering

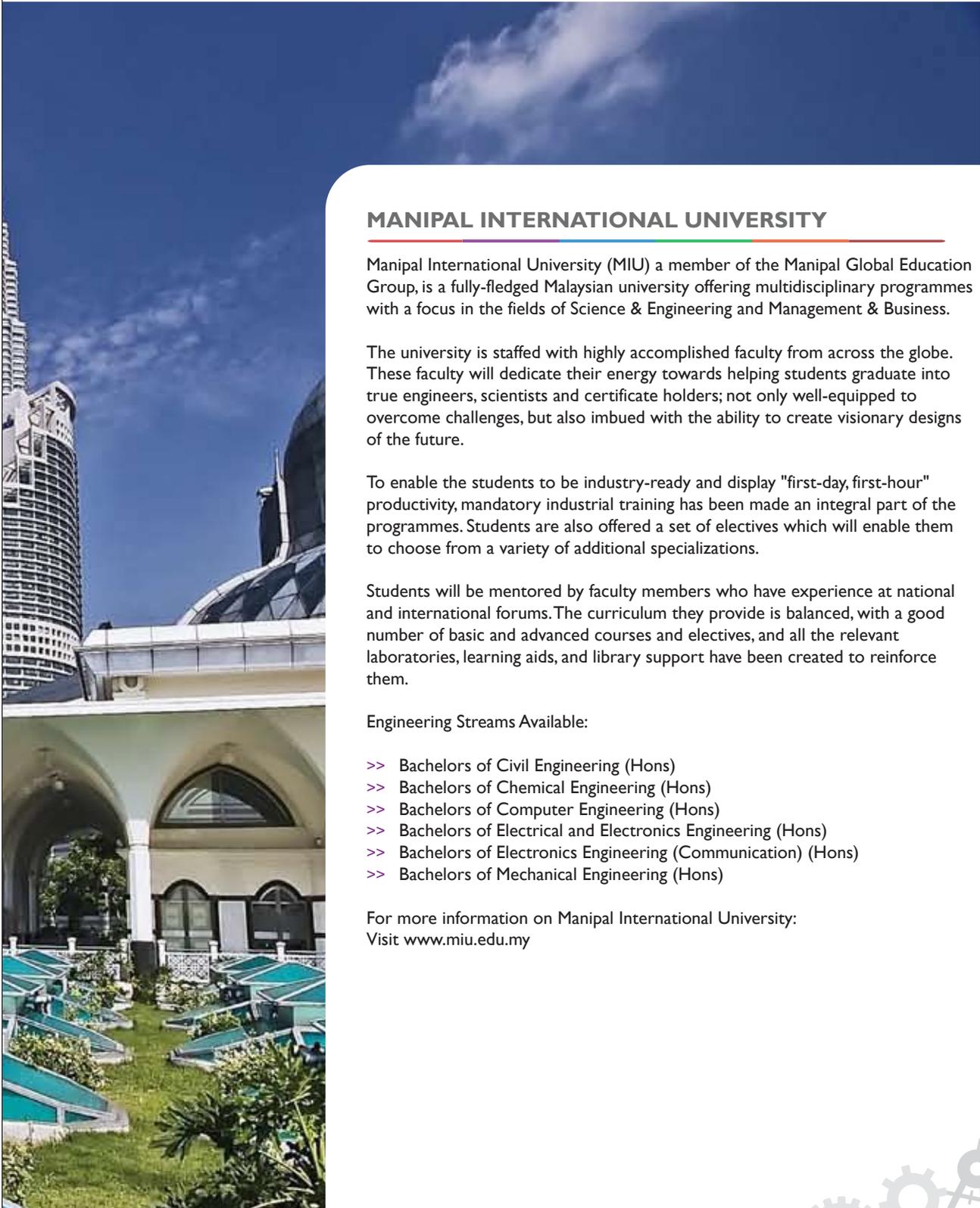
For more information on Queen's University:

Visit [www.queensu.ca](http://www.queensu.ca)

Email [admissions@queensu.ca](mailto:admissions@queensu.ca)



## MALAYSIA



### MANIPAL INTERNATIONAL UNIVERSITY

Manipal International University (MIU) a member of the Manipal Global Education Group, is a fully-fledged Malaysian university offering multidisciplinary programmes with a focus in the fields of Science & Engineering and Management & Business.

The university is staffed with highly accomplished faculty from across the globe. These faculty will dedicate their energy towards helping students graduate into true engineers, scientists and certificate holders; not only well-equipped to overcome challenges, but also imbued with the ability to create visionary designs of the future.

To enable the students to be industry-ready and display "first-day, first-hour" productivity, mandatory industrial training has been made an integral part of the programmes. Students are also offered a set of electives which will enable them to choose from a variety of additional specializations.

Students will be mentored by faculty members who have experience at national and international forums. The curriculum they provide is balanced, with a good number of basic and advanced courses and electives, and all the relevant laboratories, learning aids, and library support have been created to reinforce them.

#### Engineering Streams Available:

- >> Bachelors of Civil Engineering (Hons)
- >> Bachelors of Chemical Engineering (Hons)
- >> Bachelors of Computer Engineering (Hons)
- >> Bachelors of Electrical and Electronics Engineering (Hons)
- >> Bachelors of Electronics Engineering (Communication) (Hons)
- >> Bachelors of Mechanical Engineering (Hons)

For more information on Manipal International University:  
Visit [www.miu.edu.my](http://www.miu.edu.my)





# MESSAGES FROM PARTNER UNIVERSITY



## LANCASTER UNIVERSITY

The Lancaster University is ranked in the top one per cent of universities in the world and is listed at 145 in the Times Higher Education international table. Following the latest research assessment exercise over 90% of the research at Lancaster was found to be world leading or internationally significant with some key areas of research ranked top in the UK.

Our association with Manipal University began in 2005, with Lancaster University's recognition of the students' two years at Manipal University's International Engineering Programme. Since then Lancaster has welcomed 114 students from Manipal to complete their BEng degrees who have benefited from the teaching expertise, industrial placements, and hi tech facilities at Lancaster.

Professor Steve Bradley  
Pro Vice-Chancellor (International)



## THE UNIVERSITY OF LEICESTER, UK

The University of Leicester is an elite UK university ranked in the top 2% of world universities. Students studying in the Department of Engineering are presented with many exciting opportunities that prepare them for a career as a professional engineer in a wide range of engineering industries. The Department of Engineering at Leicester has a long history of teaching international students from many countries and has enjoyed a successful working relationship with ICAS at Manipal in India. Students who joined Leicester after completing the ICAS programme have gone on to achieve excellent degree results and secured posts at high profile companies both in the UK and India. I encourage you to decide to study Engineering at Leicester and I look forward to welcoming you to the Department.

Professor Helen V Atkinson  
Head of Department





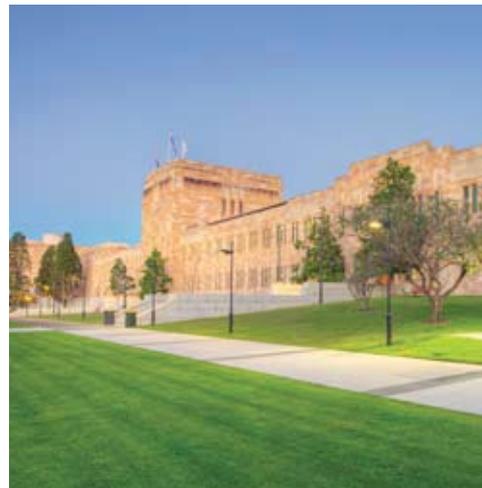
## UNIVERSITY OF TECHNOLOGY, AUSTRALIA

The University of Technology, Sydney (UTS), is an innovative university offering practice-based learning using cutting-edge facilities.

UTS is ranked in the top 400 in the Times Higher Education (THE) Rankings and 29th globally in the QS Top 50 Under 50 GLOBAL index of newer universities.

Our association with Manipal University commenced in 2008, with UTS recognition of the two years of Engineering at ICAS. UTS has welcomed many ICAS students to complete their engineering qualifications and benefit from the excellent courses at UTS.

Professor William Purcell  
Vice-Chancellor (International & Development)



## THE UNIVERSITY OF QUEENSLAND

The University of Queensland (UQ) welcomes Manipal ICAS students. UQ is a top 100 global institution and offers a large choice of engineering specialisations, a wide range of quality resources, and access to award-winning teachers and researchers. Strong links with industry, research and government ensure our programs are industry relevant, providing you with exceptional opportunities for employment and a university experience like no other.

A range of articulation pathways is available to Manipal students in the Bachelor of Engineering program. Scholarships based on academic merit are also available.

Sweny Rokani  
Manager, South Asia  
University of Queensland



## PROGRAM PRIVILEGES

### INTERNSHIPS AND PLACEMENTS

Students are provided with paid internship opportunities in a number of multinational companies across the USA, UK, Australia and Canada. Additionally, students are automatically eligible for participation in on-campus placements at their respective universities. Average salary of an Engineering graduate from these universities lies in the range of \$55,000 to \$85,000 per annum.

### LAPTOP AND SMART CARD

Each student is issued with a laptop and a smart card. The card is valid for the regular duration of the course in India. It is also valid for Medicare facilities in India.

### MEDICAL INSURANCE

The Medicare scheme applies to all bonafide students of the university for the entire duration of the course in India. Student's smart cards are valid for availing Medicare facilities in the associated hospitals of the university in India. If the student does not renew it on expiry, the card cannot be used for Medicare facilities. Coverage for Medicare will begin only one month from the date of payment of the renewal fee.

### EDUCATION LOAN FACILITIES

Various nationalized banks in the country provide educational loans for ICAS students. Credila Educational Loan Services has provided loans to many ICAS students over the years. Interested students can reach them at 1800-209-3636. ICAS will help provide documentation support to ensure student loans. However students need to apply for and pursue their education loans by themselves. Scholarships and paid internships are available in all foreign universities; however scholarships depend on the individual university policy and the GPA scores obtained by the student at the end of the second year.



# LIFE @ MANIPAL



## ACADEMIC LIFE

Manipal University is a pioneer of the 'Inspired Learning' approach to higher education. Its academic delivery model goes beyond classroom education and provides holistic learning experience for the students. Since its inception in 1957, Manipal University's engineering institute has channelled all its resources, faculty and infrastructure to deliver the complete learning experience to students. At Manipal University, practice is the best teacher. Students across disciplines and institutes are trained to learn and innovate through hands-on, practical experiences.

## CAMPUS LIFE

The University campus houses one of the best Anatomy museums and one of the largest Health Sciences libraries in Asia. All the university colleges libraries together make up one of the largest collection of books, journals and research publication. The campus is also home to state-of-the-art innovation centre to support student research. Manipal University is a fully "Digital Campus" enabling a continuous learning outside the classrooms.

## SPORTS LIFE

As a sports enthusiast, you will find Manipal to be a haven with best-in-class facilities for your training. Whether you want to learn a new sport or improve your skills, play for recreation or for your department or the University, Manipal offers you the best support and facilities.

## CITY LIFE

Manipal is situated in Southwest India, about 101 meters above the sea level and 10 kms from the Arabian Sea. Located on a plateau and nestled between the Western Ghats on the east and the Arabian Sea on the west, Manipal commands a panoramic view of abundant flora and fauna. The farmlands, cascading hills and inland waterways add to the beauty of picturesque surroundings of Manipal.

You don't have to go far for a bit of peace and quiet as Manipal is surrounded by hills and valleys and the parks developed by the university. Not too far from Manipal

are beautiful beaches like Kaup and Malpe. Also, places of international acclaim like Gorkana and Goa are just a few hours away and make for amazing weekend getaways. Outdoor enthusiasts and nature lovers can have their pick of places to visit like Kudlu Falls, Jog Falls, Agumbe, Kudremukh etc., for trekking, hiking and camping activities.

## STUDENT SUPPORT

The Department of Student Affairs was set up to look after the welfare of students. With about 28,000 students studying in the university, it is imperative to have a support group to look after their interests outside the classroom and provide special services.

The Student Affairs department's activities cover wide areas such as guidance, wellness, health and counselling. The staff are friendly, knowledgeable and helpful and are experienced in dealing with study-related problems and personal issues such as anxiety, family concerns, depression, bereavement and difficulties in adjusting to university life.

## ACCOMODATION

The Manipal University hostels are happy, sociable places to live. The University offers a variety of rooms catering to different budgets, located on or around our campuses. We guarantee to offer all new, first-year students a room in the University hostels.

Each hostel has a Warden from the teaching faculty of the colleges who is responsible for the allotment of rooms, maintenance of the building and discipline. There are messes located at different areas of the Campus combined and also separately for boys and girls. Student can choose to be a member of any of these messes.



# ADMISSIONS



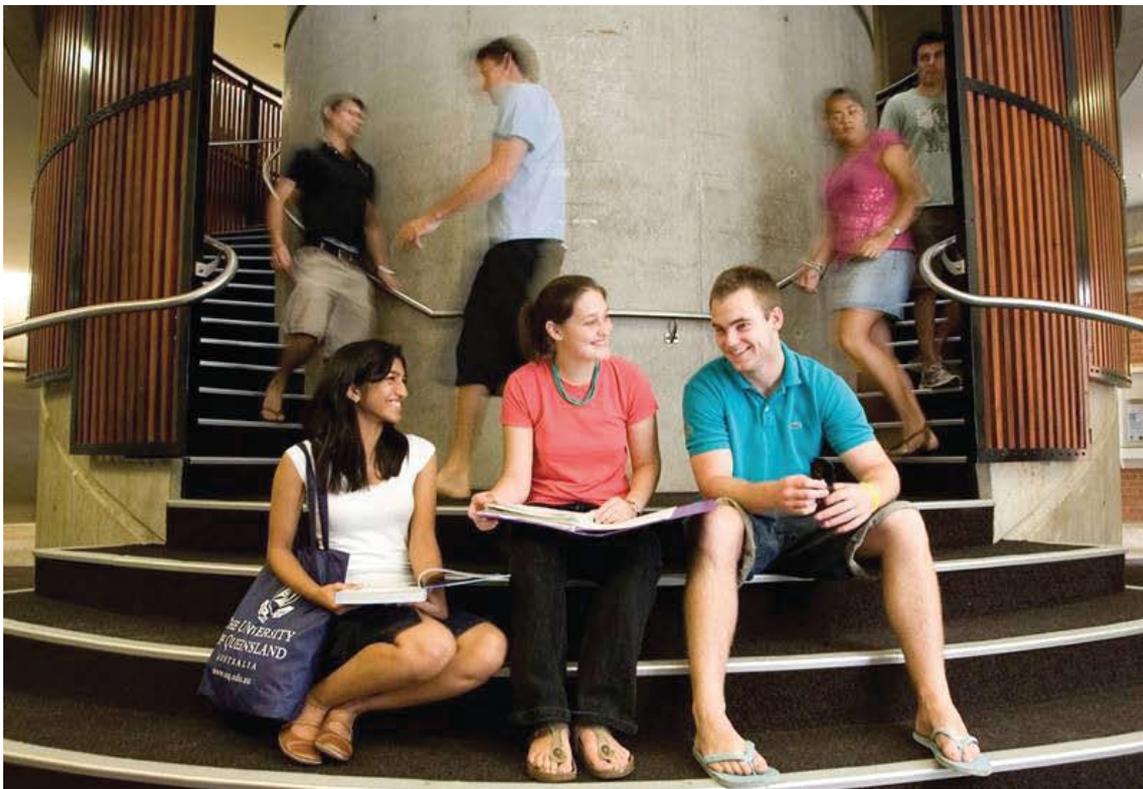
## THERE IS NO ENTRANCE EXAM FOR THIS PROGRAMME

### ELIGIBILITY

- >> Pass 10+2 (CBSE, ICSE), 'A' Levels, IB, HSC, OSSD, American High School Diploma or equivalent examination
- >> Minimum of 60% (aggregate) or 'C' grade in English, Physics and Mathematics with Chemistry/ Biology/Computer Science/Biotechnology/Electronics as optional subjects in the 12th standard
- >> Students from Non-English medium of instruction are eligible to apply if they obtain a score of above 90 in the TOEFL exam
- >> Engineering Drawing or Biology as optional subjects for admission to B.Arch
- >> Students seeking admission to Architecture at ICAS need to have a minimum of 80 out of 200 in the NATA exam
- >> Diploma holders (after 10th) are not eligible for the program

### NOTE

- >> The ICAS program is open for all Indians, NRI/NRE and Foreign Nationals
- >> Students can apply for the ICAS program before their 12th board results are declared. Provisional admission will be given to the students based on 10th marks. However, final admissions will be given based on 12th standard results in the above mentioned subjects after the verification of the mark sheets and required documents
- >> The program duration in India is only one year for Architecture/Aviation/ Aerospace Engineering
- >> In case a student wants to continue in India, he/she can complete his/her 3rd year and shall be eligible for a B.Sc. (Applied Science)



# APPLICATION PROCEDURE

## APPLICATION PROCEDURE

### APPLY ONLINE

Visit [www.manipal.edu/icas](http://www.manipal.edu/icas) and click on the 'Applying to ICAS tab' and then select the online application option.

- >> Fill up your details
- >> A photograph and a copy of your signature has to be uploaded
- >> An application fee of ₹ 2000/- may be paid either through Credit card or via Net Banking in order to complete the process
- >> Once you complete the application process, email scanned copies of your 10th and 12th marks cards to the following email id:  
[icasadmissions@manipal.edu](mailto:icasadmissions@manipal.edu)

### APPLY OFFLINE

- >> Fill up the application form that is attached in this prospectus
- >> A DD of ₹2000/- has to be made in favour of Manipal University, payable at Manipal or Udupi
- >> PHOTOCOPIES of 10th and 12th marks cards, Proof of address, Migration and Transfer/ School leaving certificate are required to process the application form
- >> PHOTOCOPY of birth certificate or any other document validating date of birth
- >> 2 passport size photographs
- >> Courier all the above to the address given below:  
Director Admissions,  
(International Engineering/ICAS Program)  
Manipal University Administration Block, Madhav Nagar,  
Manipal, Karnataka, India - 576 104

### OTHER REQUIREMENTS FOR US STUDENT VISAS:

After successfully completing two years at Manipal University, students who wish to continue their studies in US universities can apply for student visas at the consulate. Students are expected to appear for the SAT and TOEFL examinations. A higher score in these exams would help in getting selected into a top ranking university in the US.



# ACCOMMODATION



ICAS provides excellent hostel facilities. Students can choose between AC and Non AC rooms, sharing and Non sharing ones. Hostel rooms are provided with a bed, mattress, desk, chair and cupboard for each student. Every hostel has uninterrupted electricity, solar-heated water facility, water cooler, common telephone, common TV room and a common reading room among other facilities. Students can get an independent telephone connection on additional payment. Adequate dining facilities are available for all students. Membership at any one mess run on-campus is compulsory. Most hostels have gymnasiums and indoor games facilities. Complete safety and security inside the hostels and on campus is ensured by block supervisors, wardens and chief wardens (inside the hostels) and by the security staff and the chief security officers (on campus).

For more details please email at [chiefwarden.mit@manipal.edu](mailto:chiefwarden.mit@manipal.edu)/[hostelallot.mit@manipal.edu](mailto:hostelallot.mit@manipal.edu) or call +91 0820-2925221/2925225/2925226

**Details of the accommodation charges are as mentioned below:**

## BOYS

Name of the Hostel	Type of Accommodation	Annual Hostel Facilities Fee	Hostel Deposit	Utility Advance	TOTAL
XVI	Single attach AC	70,000	15,000	40,000	<b>125,000</b>
XVI	Double attach AC	40,000	15,000	35,000	<b>90,000</b>
XVI	Single attach Non AC	60,000	15,000	20,000	<b>95,000</b>
XVI	Double attach Non AC	32,000	15,000	20,000	<b>67,000</b>
XX	Deluxe Single attach Non AC	60,000	15,000	20,000	<b>95,000</b>

## GIRLS

Name of the Hostel	Type of Accommodation	Annual Hostel Facilities Fee	Hostel Deposit	Utility Advance	TOTAL
XII	Double attached bath AC	40,000	15,000	35,000	<b>95,000</b>
NLB	Deluxe Single attach Non AC	60,000	15,000	30,000	<b>90,000</b>

Note: Mess Advance @ ₹35,000/- to be paid in addition to above

## ITEMS PROVIDED IN THE ROOM

Cot | Mattress | Table | Chair | Cupboard | Curtains (in XII and XIV Blocks)

## FACILITIES IN THE HOSTEL CAMPUS

Hostel Library | Gymnasium | Badminton Hall | Swimming Pool | Tennis | Floodlit Basketball Court Food Court | Internet | Night Canteen

## NOTE:

- >> The accommodation fee is collected on an annual basis.
- >> The deposit will be refunded when the student vacating the hostel on produces of a 'dues clearance certificate'. The hostel deposit amount is published along with the schedule of the hostel facilities fee.
- >> Payment of hostel facilities fee/deposit – The hostel facilities fee/deposit may be remitted by drawing a demand draft in favour of MAHE HOSTELS made payable at Manipal/Udupi. The following can be paid at the time of counselling or registration/admissions.
- >> All members of the hostel will automatically be chosen as the members of the mess. The mess charges will be collected annually along with hostel facilities fees and utility charges.





## FEE STRUCTURE

### INDICATIVE FEES ARE SHOWN BELOW:

YEAR	CAMPUS	*COURSE FEES
1	Manipal	₹ 3,75,000
2	Manipal	₹ 3,25,000
3	USA, UK, Australia, Canada or France	Approx. US \$10,000 - \$40,000
4	USA, UK, Australia, Canada or France	Approx. US \$10,000 - \$40,000



#### Note:

- >> Tuition fees for Year 3 and 4 will depend on the university to which the student will transfer. The above mentioned figures are approximate.
- >> The first year fee for Architecture and Aviation/Aerospace will be ₹ 3,75,000 and the remaining years fees will be based on the university to which the student is transferred.
- >> The students who opt for BSc (Applied Sciences) degree and continue their studies at Manipal, have to pay the third year tuition fee as prescribed by the University from time to time.
- >> Laptop computers will be given to all students admitted to this course.

### FEE REFUND RULES

No refund of fee is permitted on account of withdrawal/absence from college or any other reasons once a student is admitted to any course of study. However, some concessions are made to students if they decide to withdraw before the commencement of classes. The details are as follows:

TIME OF WITHDRAWAL	FEE REFUND
Before commencement of classes	Full fee refund after deducting registration fees of ₹10,000
After commencement of classes	No refund

Manipal University's decision is final on all matters related to fee refunds. Policies and regulations are subject to revision.





INSPIRED BY LIFE

# APPLICATION FORM

## International Centre for Applied Sciences

Application for the International Twinning Program in Engineering / Technology leading to a Bachelor's Degree

Please affix your recent passport size photograph

Course applying for .....

1. Name Mr/Ms .....

First

Middle

Last

2. Sex:  Male  Female

3. Permanent Address .....

.....Pin .....

4. Date and Place of Birth .....

Date/Month/Year

City

State

Country

5. Present Mailing Address .....

.....Pin .....

6. Phone ..... Fax .....

7. Email .....

8. Nationality .....

9. Name of Parent / Guardian or spouse .....

a) Contact Address .....

b) E-mail .....

c) Profession of Parent / Guardian .....

**MANIPAL**  
UNIVERSITY

10. List of schools & colleges in order of attendance ( recent first )

	INSTITUTION	YEAR	SUBJECT	MARKS% (e.g. PCMB)
11 <sup>th</sup>	.....	.....	.....	.....
	.....	.....	.....	.....
	.....	.....	.....	.....
10 <sup>th</sup>	.....	.....	.....	.....
	.....	.....	.....	.....

11. Medium of instruction .....

12. Qualifying Examinations .....

e.g. A Level, CBSE, PUC, ICSE or equivalent examinations

	YEAR	BOARD	SUBJECTS	MARKS%
	.....	.....	English	.....
12 <sup>th</sup>	.....	.....	Physics	.....
	.....	.....	Mathematics	.....
	.....	.....	Chemistry*	.....

\*Or any other subjects mentioned in the prospectus

PCME aggregate

13. Signature of the student ..... Date .....

14. Signature of the Parent / Guardian ..... Date .....

15. How did you come to know about ICAS Program? .....

**16. CHECKLIST FOR DOCUMENTS (COPIES) TO BE ENCLOSED**

<< Mark list of the qualifying examination and other transcripts

<< Birth Certificate or any examination certificate showing date of birth

<< Passport copy

<< 2 Passport size photographs

<< Application processing fees of ₹ 2000/- in the form of demand draft drawn in favor of Manipal University, and payable at Manipal / Udupi ( Karnataka )

**Important note**

\*If candidate does not have a passport, it can be submitted at a later point of time

Applications without the application processing fee will not be considered for admissions.

Please do not send the originals ( only photocopies )





# ALUMNI SPEAK



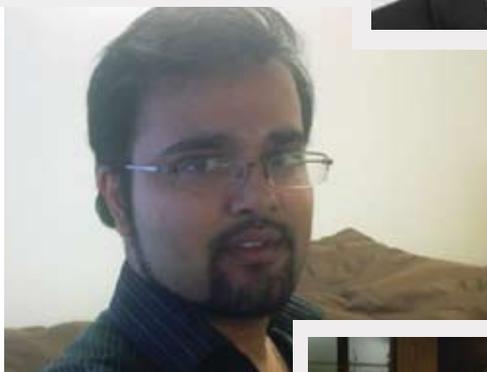
**RISHAB VERMA**  
**University of Illinois**  
ICAS gave me a hope and a path which I so much desired since my childhood.

**SWAPNIL MINGAWADE**  
**Drexel University**  
One of the best career launchpad!



**ROHIT GARG**  
**University of Illinois**  
I have always dreamed of studying abroad, and ICAS was the Path that lead me to it.

**ANMOL**  
**University of Illinois**  
ICAS is the guiding force in my career which helped me in getting admission into one of the best Civil Engineering Schools in the world.



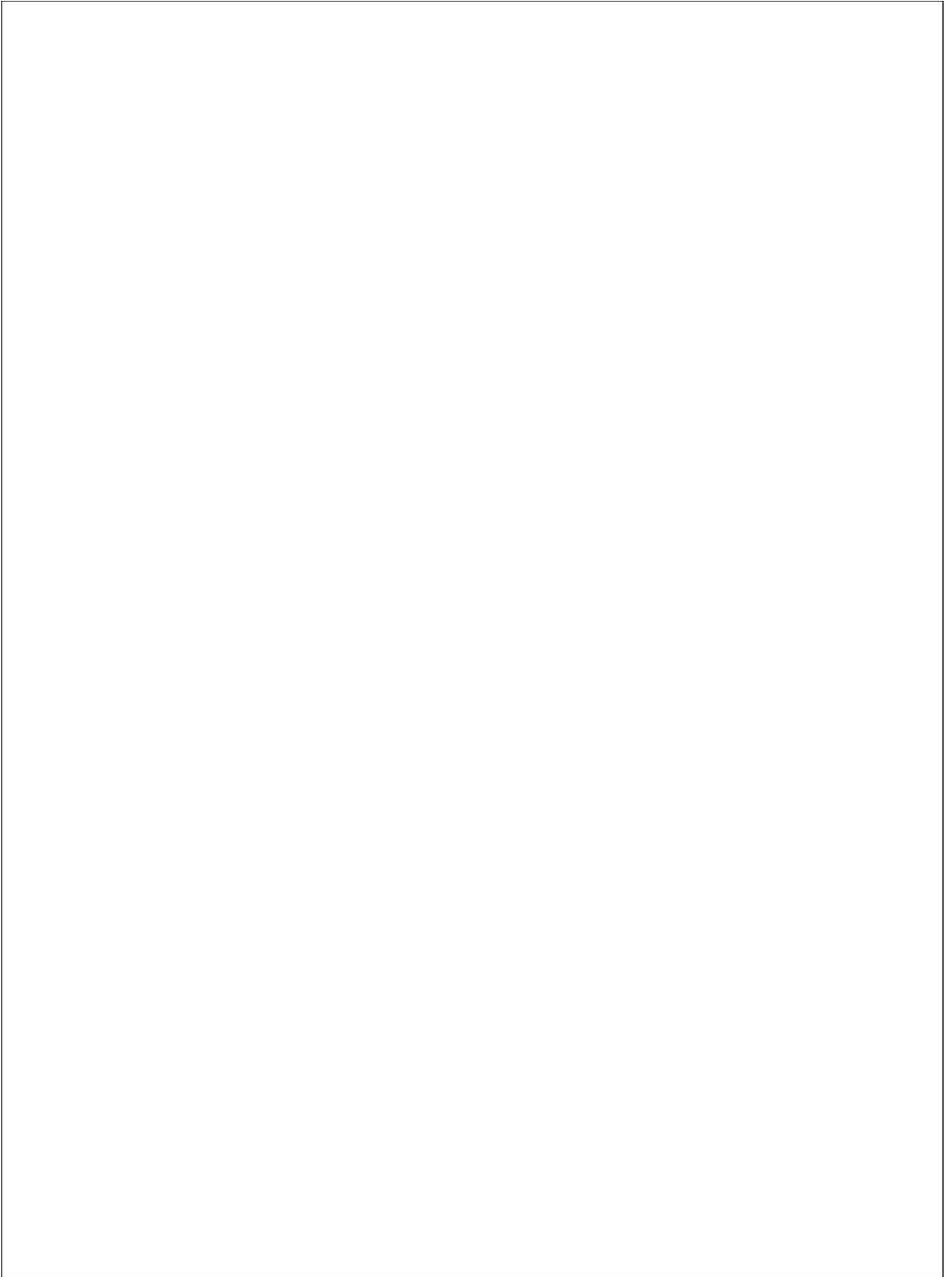
**ANSHUL**  
**Stony Brook University**  
ICAS is definitely a great platform if you want to study abroad. It opens doors for some of the great universities abroad and prepares you for a challenging curriculum in foreign universities. I would definitely recommend it to someone who wishes to study abroad.



**HARSHDEEP SINGH**  
**Drexel University**  
Studying in ICAS was a great experience for me. Without the support of ICAS staff, it would have been impossible for me to follow my future dreams. As for the current and prospective student, I would like to say that believe in you and your professors.









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