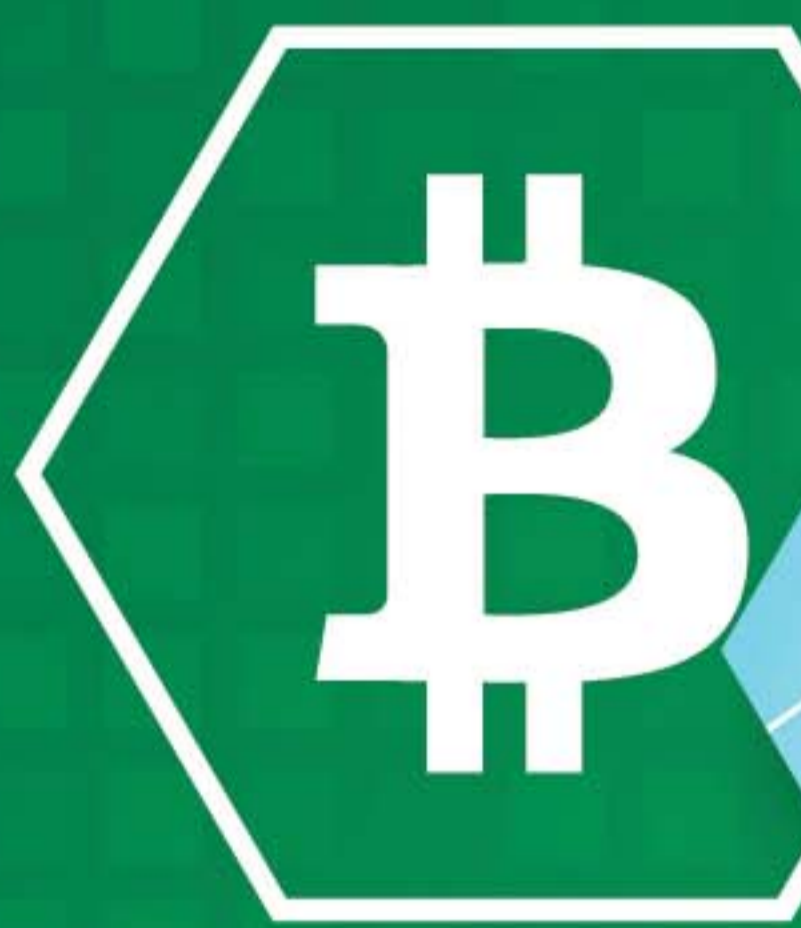


Bachelor of Engineering (Hons) in Information Engineering



JUPAS CODE

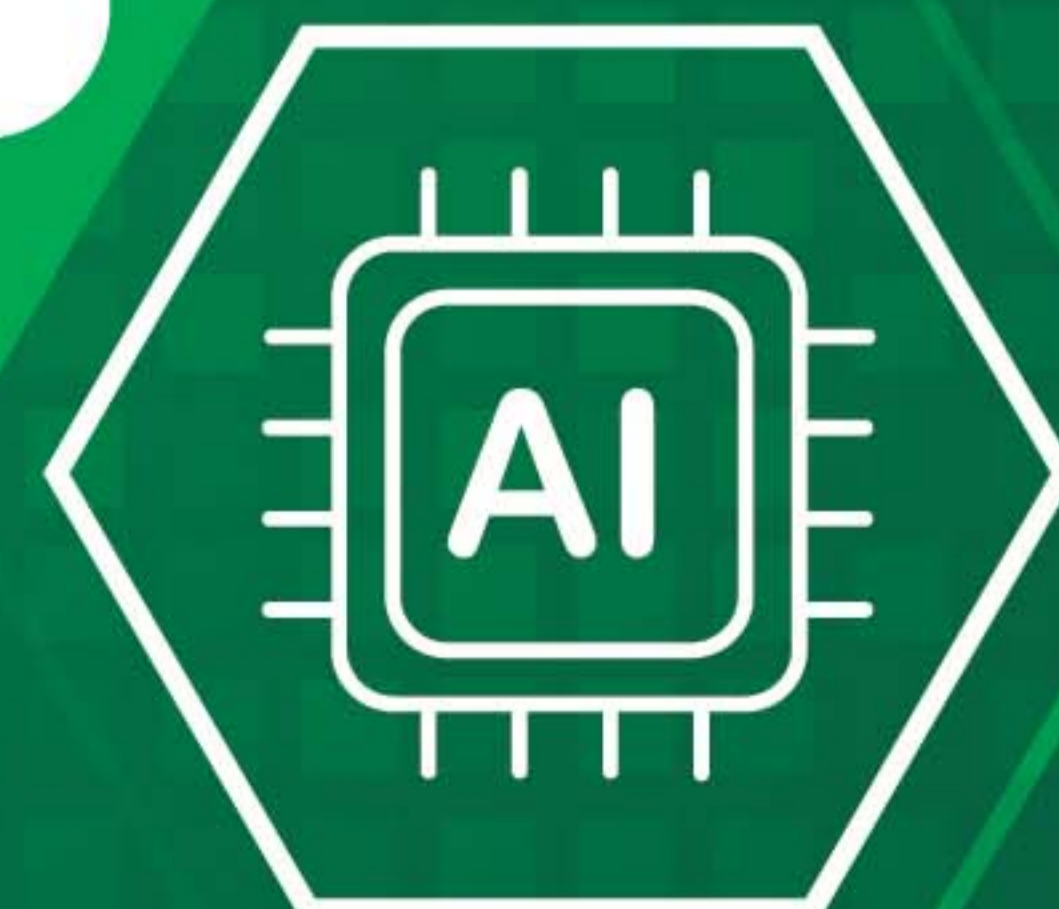
JS4446



IoT



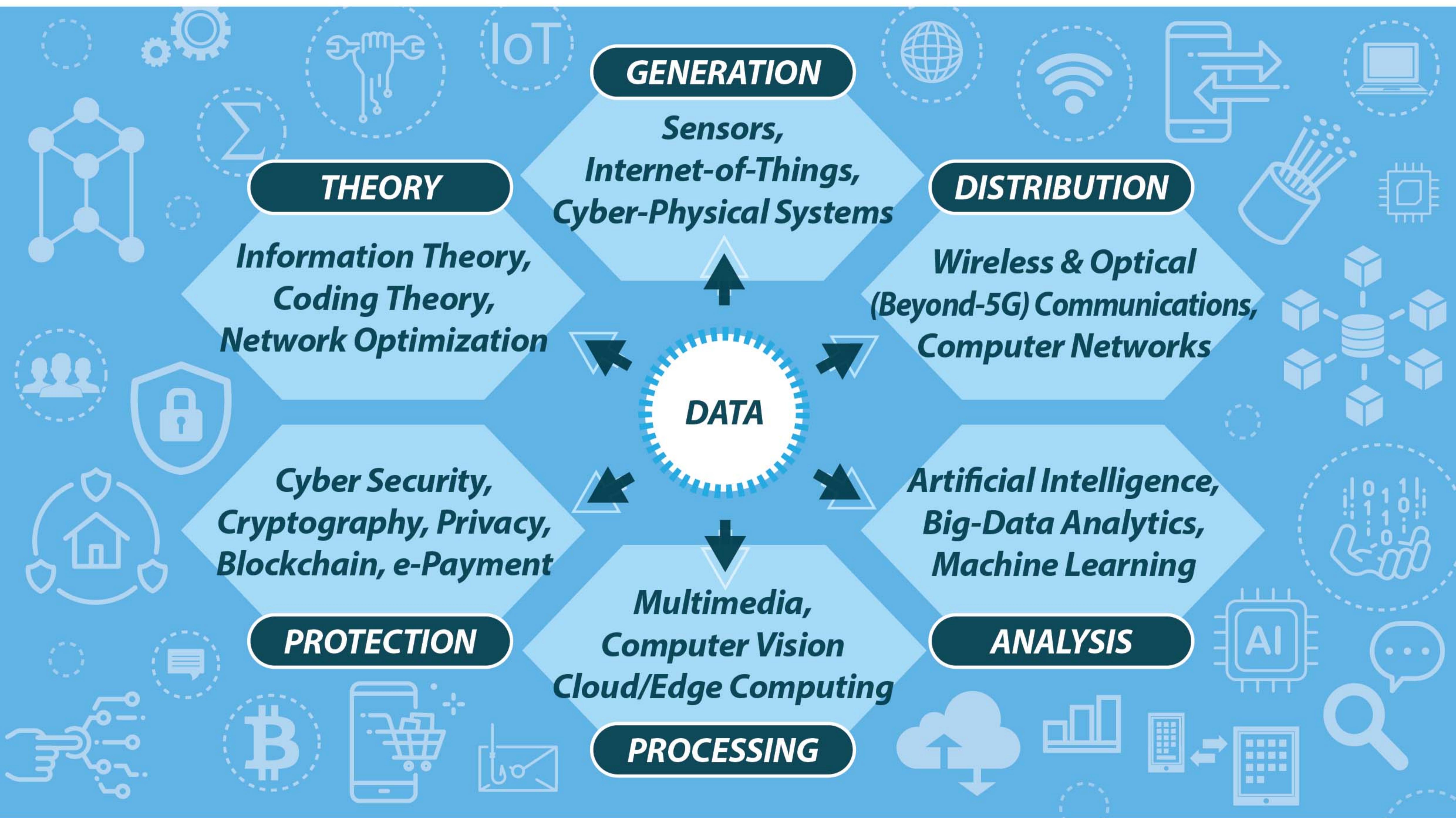
5G/6G



“ Knowledge is Power. Information is King. ”

Information Engineering

Building Networked, Smart and Secure Applications for the Information Society



Streams of Specialization

- * **Big Data: Systems & Applications**
- * **Communications**
- * **Cyber Security**
- * **Internet Engineering**
- * **Enrichment**

Check it out!



Nurture and educate engineering leaders of the information world of today and tomorrow.

Curriculum

Year **1**
Foundation

Problem Solving by Programming, Engineering Practicum
Foundation Calculus, Linear Algebra, Multivariable Calculus
Introduction to Information Engineering, Systems Programming

Year **2**
Advanced

Discrete Mathematics, Probability Models & Applications
Data Structures, Signals & Systems, Communication Systems
Basic Analog & Digital Circuits, Electronic Circuit Design, Computer Networks

Year **3**
Professional

Information Infrastructure Design
Information & Software Engineering Practice
Microcontrollers & Embedded Systems

Year **4**
Specialized

Final Year Projects I & II
and Major Electives

Graduation Requirements

Major Requirement
75 units

+

University
Core Requirement
39 units

+

Free Electives
9 units

=

123 units

Look up the courses!

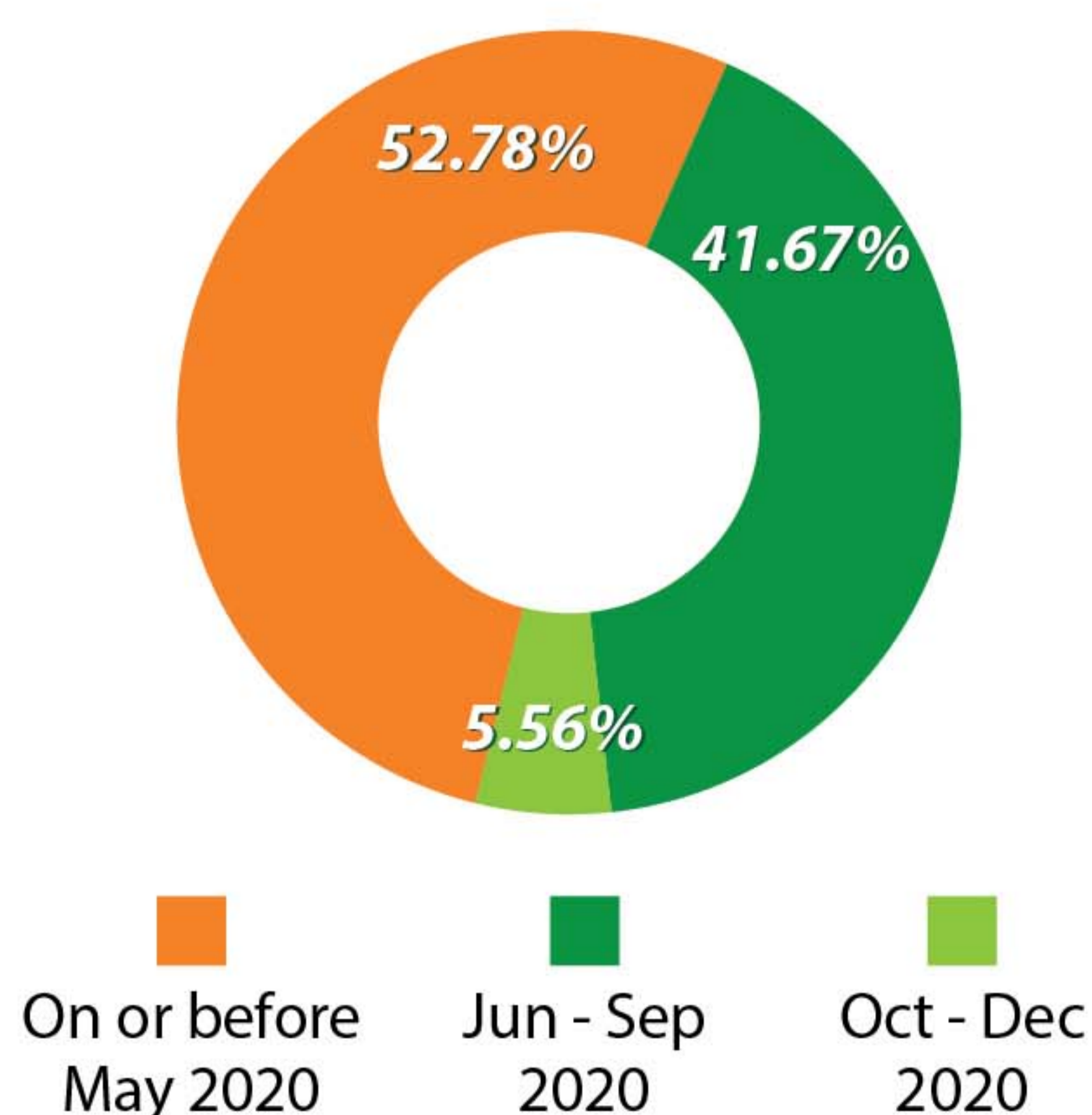


60+ Major Electives for you to choose, from the fields of *Big Data, Information Processing, Cyber Security, Internet Engineering, Telecommunications, Computer Networking, Software Engineering* and more!

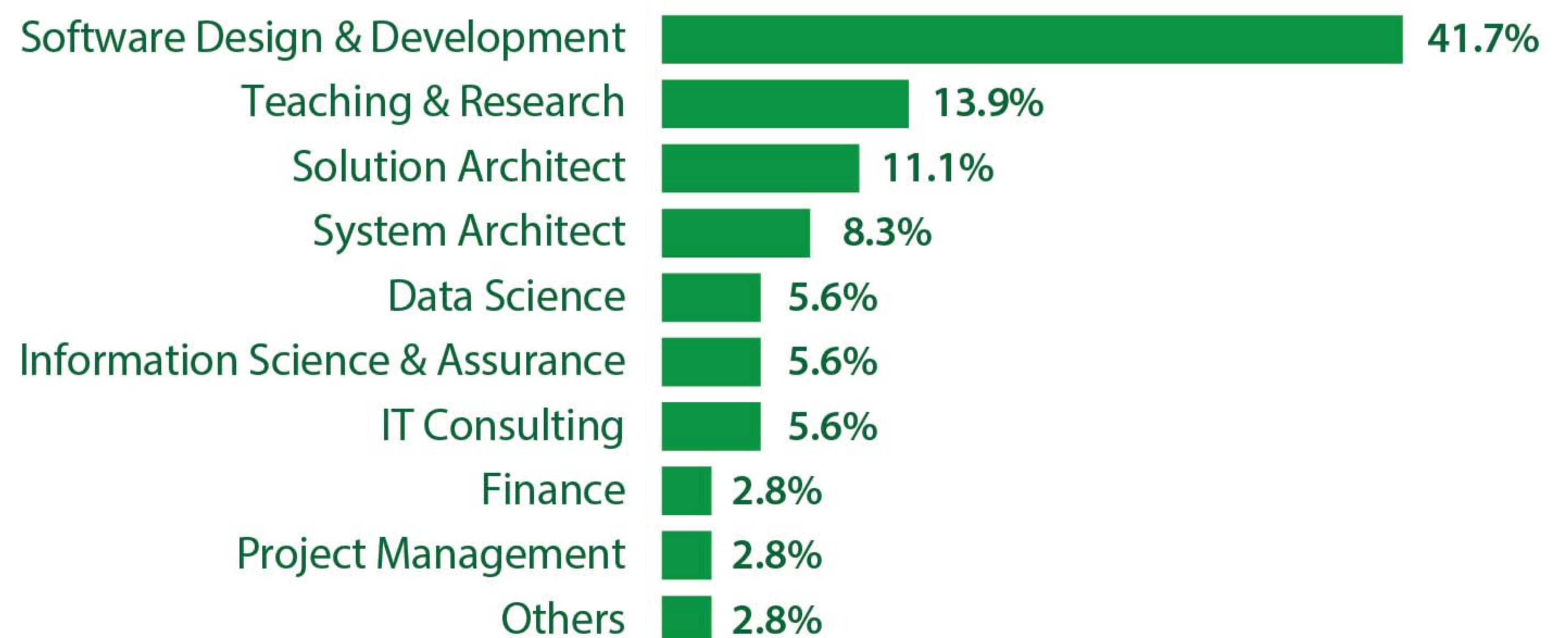
Career Prospects

The IERG programme equips our students with sound engineering knowledge and solid experience with innovative technologies. They are of the highest caliber and committed to study and work. Our graduates have established an excellent reputation in the industry and have embarked on promising careers. Around 10% of our fresh graduates continue for full-time studies every year.

94.45%* graduates secured the first full-time job prior to or in September within the year of graduation.



Job Nature of IE Graduates in 2020



* Percentages might not total 100% due to rounding. Statistics based on the survey conducted with IE graduates in 2019/20

JUPAS

For secondary school students taking HKDSE. Admission is based on the Best 5 HKDSE subject results with subject weighting.

Category	Subject Group	Min. Level	Weight
Core	English Language	3	1
	Chinese Language	3	1
	Mathematics (Compulsory Part)	4	2
	Liberal Studies	2	0.5
Elective	Mathematics Extended Module I or II	3	1.75
	Physics / Chemistry / Biology / Combined Science / Information and Communication Technology / Design and Applied Technology	3	1.5
	All other Elective Subjects		1

Non-JUPAS (Local)

For local applicants who are not using the HKDSE results for admissions purpose, such as Associate Degree / Higher Diploma, GCE-AL, IB, SAT/AP and other overseas qualifications.

Non-JUPAS (Senior Year Entry)

Local applicants who possess Associate Degree or Higher Diploma qualifications may apply for Senior Year admission.

International

For non-local applicants with international qualifications such as GCE-AL / International-AL, IB, and other high school qualifications from a recognised institution.

Mainland

Mainland China students who are current Gaokao candidates (应届高考生) must apply through the National Colleges and Universities Enrolment System (全国普通高校统一招生计划)



Note: Applications of the Non-JUPAS and International schemes will be assessed on a case-by-case basis.

Testimonials



WAN Yat-hei

2020 IERG graduate. Currently a Security Trainee at Ensign Infosecurity (East Asia) Limited

IE has helped me to build fundamental knowledge in cyber security, which makes it easier for me to develop different cyber security skillsets and pick up new skills for my job.



YIP Wai-shing

2020 IERG graduate. Currently a Consultant at EY

Thanks IE for equipping me with rich IT knowledge, strong problem-solving skills and good communication abilities which have become the cornerstone of my career.



Department of Information Engineering
The Chinese University of Hong Kong

✉ dept@ie.cuhk.edu.hk 🌐 <http://www.ie.cuhk.edu.hk>

Email



Website

