

# School of Infocomm



More Expertise  
More Dynamism

**BE SO  
MUCH  
MORE!**

#DiscoverRP

# SET YOUR EXPECTATIONS HIGH BECAUSE WE WILL MEET THEM, AND MORE

Enter a world of learning and discovery with us as you acquire essential skills that will stay with you for life!

Republic Polytechnic (RP)'s holistic curriculum prepares you to take on real-life challenges and be ready for the dynamic working world when you graduate. Guided by experienced lecturers, you will have the opportunity to solve real-world problems while working in teams. With RP's Problem-based Learning approach, you will gain critical thinking, problem-solving and communication skills. These are pivotal skillsets that will help you to overcome challenges that you might face in the future.

Our internship programmes and industry partnerships will give you a taste of the working world, where you will gain valuable work experience and establish a network of contacts even before you graduate.

Your education in RP will help open up a world of possibilities and lifelong learning!

Get ready to discover your potential, achieve your dreams and embrace a transformative experience right here at RP because **we are so much more.**

## DISCOVER



### WIDE RANGE OF PROGRAMMES

Choose from a variety of full-time diploma and lifelong learning courses from our seven schools



### 100% INTERNSHIP PLACEMENT

Gain real-world working experience with our established network of industry partners



### STATE-OF-THE-ART FACILITIES

Resources that add to the top-notch experience

A distinctive and rigorous curriculum ensures that you are more than ready to shine in your chosen career. But we know you are looking for more than just robust instruction, so look forward to enriching your experience at RP with:



### OVERSEAS STUDY TRIPS

A whole world waiting to be explored and to learn from



### COMMUNITY-BASED PROJECTS

Create positive impact in local and global communities



### >80 CO-CURRICULAR ACTIVITIES

Indulge your interests or try something new



### 3 ACCLAIMED ARTS & MUSIC FESTIVALS

Held yearly to expand your cultural horizons

# TAILOR YOUR EXPERTISE TO MEET A DYNAMIC, DIGITAL FUTURE

Are you prepared to work in an increasingly fast-paced and digital future?

At RP **School of Infocomm (SOI)**, you will acquire critical expertise to develop new technological capabilities and make dynamic advancements.

Be ready to revolutionise the way we live, work and play.



**09** COMMON ICT PROGRAMME

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**12** DIGITAL DESIGN & DEVELOPMENT

**14** FINANCIAL TECHNOLOGY

**16** INFOCOMM SECURITY MANAGEMENT

**18** INFORMATION TECHNOLOGY

# ABOUT SCHOOL OF INFOCOMM



**YOU** will learn about the latest technological advancements, refine your problem-solving abilities and apply your creative talents effectively.

Transform your dream career into a digital reality and explore the exciting possibilities through our Common ICT Programme and five diplomas in a variety of fields:

- Business Information Systems
- Digital Design & Development
- Financial Technology
- Infocomm Security Management
- Information Technology

Get ready to take on the world as a tech-savvy IT professional! Stand out in a competitive and fast-paced market, as we foster your talents and nurture your digital dreams.

Whether you are developing the next groundbreaking mobile app or crafting a top-tier business intelligence solution for the corporate world, SOI will guide you in the most effective way.

Stay up to date with cutting-edge trends through our continuously refined teaching methods, which adapt to the ever-evolving technologies in the field of IT.

Hone your skills in our state-of-the-art laboratories and the latest software as you learn about IT systems used by successful businesses all over the world.

Through SOI, you will connect with established industry leaders and tackle real-world challenges during industry attachments at more than 300 renowned IT companies. Whether it is in IT security, system solutions development, banking, or healthcare, your SOI diploma will prepare you for success.

## MINIMUM ENTRY REQUIREMENTS

School of Infocomm (SOI)	Aggregate Type	Minimum Entry Requirements/Grade
<b>All SOI Full-time Courses</b>  <b>Common Entry Programme in:</b> • Infocomm Technology (ICT) (R58)	ELR2B2-C	a) English Language: D7
		b) Mathematics (Elementary/Additional): C6
		c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type: C6
		<ul style="list-style-type: none"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing/Computer Studies</li> <li>• Creative 3D Animation</li> <li>• Design &amp; Technology</li> <li>• Electronics/Fundamentals of Electronics</li> <li>• Exercise &amp; Sports Science</li> <li>• Food &amp; Nutrition/Nutrition &amp; Food Science</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul>

 For the latest updates on entry requirements, visit [www.rp.edu.sg/soi](http://www.rp.edu.sg/soi)

# HEAR FROM OUR INDUSTRY PARTNERS

“Diploma in Financial Technology (DFT) student, Zayna, has consistently demonstrated her willingness to take on any work assignment throughout her internship, and her positive work attitude will undoubtedly be one of her most valuable assets. She has also proven to be a strong team player and was able to interact meaningfully with colleagues from diverse backgrounds. I believe that her course has equipped her with the right technical skillsets and further developing those skillsets will bring Zayna further in her professional career.”

## Mr Lawrence Nah

General Manager  
Shing Leck Engineering Service Pte Ltd

“Revathi, from the Diploma in Information Technology (DIT), is an excellent collaborator and team player. During her internship, she actively contributed to group discussions, offering insightful ideas and perspectives. Her strong communication skills enabled her to effectively convey her thoughts and this ensured seamless coordination within the team.”

## Mr Kelvin Chen

Manager  
Far East Organization

“Michelle from RP's Diploma in Digital Design & Development (DDDD) exhibited admirable work ethics and eagerness to learn throughout her internship with us. She demonstrated effective communication skills and she is a great team player as well. Her attention to detail is extremely commendable.”

## Mr Kartik Narayan

Managing Director and Head of Digital Transformation  
OCBC

“My peers and I know Yu Fong and Raphael as passionate and curious students who can be role models for their cohort when it comes to working attitude and aptitude.

We're impressed by their organisational skills and willingness to have an open mind to learn or relearn things that may be new in an industry setting. During their internships, they were able to apply their foundational knowledge gained from the polytechnic. They were also effective in communicating with their peers, colleagues and superiors.

I can say with confidence that they have benefitted from the applied learning experience provided by RP's Diploma in Infocomm Security Management (DISM) and are positive contributors today in the ever-evolving digital workforce.”

## Mr Cecil Su

Director  
BDO Advisory Pte Ltd

# HEAR FROM OUR GRADUATES

“ I chose the Common ICT Programme (CIP) because of my interest in the field of Information Technology (IT) and my desire to explore various IT specialisations. The education and career guidance sessions helped me better understand my personality and interests, while the knowledge and experiences I gained from CIP provided valuable insights into these specialisations. Through CIP, I was motivated to pursue a Diploma in Digital Design and Development and this has opened doors to a myriad of opportunities including industry-relevant events, projects and an overseas internship in Japan. ”

Through CIP, Kenneth gained broad-based knowledge of the various aspects of IT. The education and career guidance activities helped him discern his strengths and weaknesses while the insightful advice from his lecturers provided him with a better understanding of the career prospects in the IT landscape. These have guided him to confidently pursue and excel in his diploma.



**Kenneth  
Poh Ren Kang**

Enrolled in Common ICT  
Programme in 2020  
Diploma in Digital Design &  
Development  
2023 Graduate  
IMDA Gold Medalist



**Mohamed Isa  
Bin Mohamed  
Basir**

Diploma in Financial Technology  
2023 Graduate

“ Technology has the potential to be embraced in every industry, and since joining RP, I have had numerous opportunities to showcase my skills in the field of Infocomm. Competitions like the PolyFintech Hackathon have provided me with the courage and confidence to explore innovative solutions within the FinTech sector, which could benefit individuals and address pressing issues. I'm grateful for the support and guidance from my lecturers and this helped me to sharpen my thinking process to become a mature individual. ”

An avid learner, Isa has embraced numerous opportunities to discover what Fintech has to offer. He explored a couple of the trends associated with FinTech such as Cryptocurrencies, Non-Fungible Tokens (NFTs) and also used multiple Defi technology-based platforms and services. Isa was also a peer support leader for his after-class revision clinics. He was delighted to be able to offer a helping hand and found it beneficial for students to practise more and improve further.

“ RP's teaching and learning approaches have given me the confidence to solve various challenges over my course of study. I'm grateful for the lecturers for going out of their way to maximise my potential. ”

Over the course of her study, Hazel discovered her passion for writing coding scripts and had a valuable hands-on learning experience in the specialisation modules. The knowledge and skills she acquired have provided her the drive to explore automated provisioning of services/software in her final-year project.

With her industry-level training, she is well-poised to take up more diverse challenges in her current workplace.



**Wong Qi Jun  
Hazel**

Diploma in Infocomm Security  
Management  
2022 Graduate

SOI's diplomas offer a wide range of topics and these are well-covered by their highly proficient lecturers. The structure of the lessons had also proved to be a very practical training platform for us to be great team players. The knowledge and skills I attained have helped me to be adaptable in my career as a developer who can effortlessly design on different platforms.

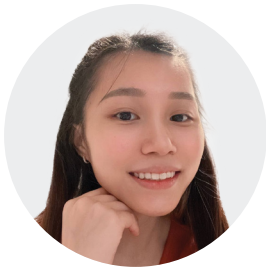
A familiar face in SOI, Vincent has found his passion in creating mobile applications and publishing them on the Apple App Store. He is constantly striving for excellence in his coding skills and was the winner of Apple's Swift Student Challenge in 2020 and 2021.

In RP, Vincent proactively gave advice and support to his peers in learning complex coding concepts. For demonstrating the good character values of Passion, Excellence and Compassion in the RP's Republic Code of Honour, he received the Republic Award two years in a row. His guiding principle is "Never give up without trying". This has served him well in school and continues to motivate him.



## Vincent Neo Wei Wen

Diploma in Mobile Software Development  
(now known as Diploma in Digital Design & Development)  
2022 Graduate  
IMDA Gold Medallist



## Tay Yi Lin

Diploma in Business Information Systems  
2021 Graduate

Emerging technology benefits not only society, but also personal development. You can be the next entrepreneur of future technology if you open your mind to think of the limitless possibilities. Technology is just the spark of human imagination tipped on by science.

Yi Lin firmly believes that students with a passion for emerging technologies can greatly benefit from the robust curriculum offered by Diploma in Business Information Systems (DBIS). Through RP and DBIS, she had the opportunity to participate in nationwide competitions that inspired her to launch her own business, teaching her self-reliance and resilience in the process. Yi Lin's academic excellence has earned her an SIT undergraduate scholarship, enabling her to further expand her knowledge and skills.

RP has given me many opportunities to excel. I've taken part in national competitions, been awarded scholarships and gone on a sponsored overseas internship. RP has prepared me well to take on future challenges, and this is the reason why I could leverage the knowledge gained at RP in my current degree pursuit. Other than the skills and knowledge gained, I also realised the importance of grit, which has helped me prevail over life's obstacles to achieve greater heights.

Eric is a familiar face in national competitions as he represented RP and SOI in many competitions such as HackMania 2019, Splash Awards 2019 and PolyFintech100 API Hackathon 2019. On top of his regular coursework, he managed to find time to volunteer at YMCA as a children's camp leader. Highly regarded for his outstanding academic performance, Eric received various academic awards during his time in RP. The greatest achievement for Eric was being able to embark on an overseas internship in Helsinki, Finland as part of RP's Global Entrepreneurship Innovation Programme. Eric looks forward to contributing more to the community in the start-up space.



## Lim Hui Hong Eric

Diploma in Information Technology  
2020 Graduate

# GAIN A MAJOR HEAD START WITH OUR MINORS



Embark on exciting career pathways with versatile cross-sector skills, future-ready capabilities and gain a foothold in the most dynamic sectors!

RP primes you for success in a VUCA (Volatile, Uncertain, Complex, and Ambiguous) world. Our Minor Programmes offer an additional area of study outside of your diploma's discipline\* and are designed to make you a competitive player across diverse fields!

Create value, innovate and enhance systems, and drive change for a brighter future, wherever you choose to go!

Each Minor Programme consists of 12 Modular Credits (MCs) in total. You will need to take two extra modules on top of the requirements for your diploma.

**2 Modules**  
(total of 4 MCs)

Choose **two relevant modules** from the list of Freely Chosen Modules.



**2 Modules**  
(total of 8 MCs)

Choose **two modules** from the list for the respective Minor Programme.



## Minor in BUSINESS

Equip yourself with real-world business skills that help you add value and generate profits for your organisation.

Select two modules from the list of Freely Chosen Modules in the Business category and two modules from the following list:

- B101** Entrepreneurship
- B109** Design Thinking for Business Innovation
- B215** Financial Accounting
- H323** Hospitality Revenue Management
- T262** Introduction to User Experience



## Minor in DIGITALISATION

Develop your skills in digital technologies such as Augmented Reality (AR), Virtual Reality (VR) and IoT (Internet of Things) to enhance your organisation's business processes.

Select two modules from the list of Freely Chosen Modules in the Digitalisation category and two modules from the following list:

- C110** Programming Fundamentals I
- E115** Programming and Data Analysis
- E118** Fundamentals of Industrial Internet of Things
- H224** Customer Analytics
- T376** Design with Emerging Technology



## Minor in SUSTAINABILITY

Be well-placed to help organisations make sustainability an integral part of their business strategy.

Select two modules from the list of Freely Chosen Modules in the Sustainability category and two modules from the following list:

- A225** Earth and Climate Science
- A324** Resource Management and Circular Economy
- E315** Energy Management and Sustainability
- H228** Sustainability in Events
- T378** Spatial and Environment Design

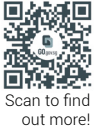
\*Your chosen Minor Programme has to be differentiated from your diploma course. You will still be required to fulfil the graduation requirements for your diploma.

For more information, visit [www.rp.edu.sg/minor-programmes](http://www.rp.edu.sg/minor-programmes)



# COMMON ICT PROGRAMME

R58



Scan to find  
out more!

## EXPERIENCE THE HIGHLIGHTS BEFORE SETTLING INTO YOUR GROOVE.

- Discover your interests through the programme
- Transform your interests into passion through industry knowledge and insights
- Achieve a solid foundation in infocomm technology (ICT)



### General Modules

- Communication in the Global Workplace
- Critical Thinking and Problem Solving Skills
- ECG I: Exploring the Future of Work
- Innovation and Practice
- Life Skills I
- Life Skills II
- Singapore, the World and I

### Discipline Modules

- Computer System Technologies
- Database Systems
- IT in Business Processes
- IT Security and Management
- Mathematics
- Programming Fundamentals I
- Programming Fundamentals II

From the second year, you will study the modules offered in the SOI diploma of your choice.

## ABOUT THE PROGRAMME

Explore the ever-changing landscape of the ICT industry, delve into its fundamentals and discover where your interest lies!

Through the Common ICT Programme (CIP), you will acquire IT knowledge and develop solid technical skills all in your first year of study. This will lay the foundation for your subsequent two years of studies, when you can choose from the following SOI diplomas of your choice:

- Business Information Systems
- Digital Design & Development
- Financial Technology
- Infocomm Security Management
- Information Technology

# DIPLOMA IN BUSINESS INFORMATION SYSTEMS R13



Scan to find out more!

## HARNESS YOUR IT SKILLS TO CONTRIBUTE TO THE BUSINESS WORLD!

- Acquire IT and business analysis skills to deliver technology solutions that meet organisational goals
- Develop data analysis skills by transforming raw data into actionable insights through data visualisation and analytics
- Participate in projects that are based on real IT issues faced in the business world
- Undergo a 20-week Industry Immersion Programme with organisations such as Accenture, HDB, Integrated Health Information Systems, and SAS Institute



### General Modules

- Communication in the Global Workplace
- Critical Thinking and Problem Solving Skills
- ECG I: Exploring the Future of Work
- ECG II: Becoming Future-Ready
- Innovation and Practice
- Life Skills I
- Life Skills II
- Life Skills III
- Singapore, the World and I

### Discipline Modules

- Computer System Technologies
- Database Systems
- IT in Business Processes
- IT Security and Management
- Mathematics
- Programming Fundamentals I
- Programming Fundamentals II
- Software Application Development
- Software Development Process

### Elective Modules

Select one module from the list below:

- Design Thinking for Business Innovation
- Digital Marketing and eCommerce
- IT Project Management
- Software Testing and Analytics

### Specialisation Modules

- AI and Machine Learning
- Business Analysis Practice
- Business Analytics
- Business Intelligence
- Business Systems
- Data Management and Automation
- Marketing
- Rapid App Development
- UI/UX Design for Apps

### Industry Orientation Programme\*

Option 1:

- Project

Select one module from the list below:

- Corporate Innovation Immersion Programme
- Entrepreneurial Immersion Programme
- Industry Immersion Programme

Option 2:

- Industry Immersion Programme
- Industry Immersion Programme II\*\*

\*Note: Final-year students embarking on the Industry Orientation Programme (IOP) will take on the following modules:

- Industry Immersion Programme only, OR
- Industry Immersion Programme and Industry Immersion Programme II\*\*

\*\*This includes one Project, plus one of the following options: Corporate Innovation Immersion Programme, Entrepreneurial Immersion Programme or Industry Immersion Programme.

\*\*Eligible students who meet the academic prerequisites will be given the option to select Industry Immersion Programme II (IIP II). The coverage of IIP II will be equivalent to one Specialisation Module, one Elective Module, two Freely Chosen Modules, and one Project. Eligible students will undertake IIP II during Semester 2 of the final year, for the diploma of study.

### Freely Chosen Modules

Students will need to either select the Special Project module or select two modules from a list of Freely Chosen Modules. Students under the 1-year Industry Immersion Programme will not be required to take the Freely Chosen Modules.

### CAREER OPPORTUNITIES

You will gain versatile skillsets that will enable you to take on high-value IT roles in a wide range of industries. You can look forward to roles such as:

- Application Developer
- Application Support Engineer
- Associate Business Analyst
- Associate Data Engineer/ Data Analyst
- IT Executive



## ABOUT THE DIPLOMA

Through the Diploma in Business Information Systems (DBIS), you will learn how to apply technology to solve business challenges.

As you master a combination of technology skills, core business knowledge and data analysis techniques, you will be able to understand business requirements, as well as to propose and implement solutions using IT.

Gain access to world-class software technologies and extensive hands-on experience using renowned enterprise application software, such as SAS, Salesforce and Workato, on top of analytics tools like Tableau and KNIME.

You will also embark on industry projects and attachments with leading companies. DBIS helps you benefit from real-world insights and helps develop your confidence and expertise for a successful IT career.

## FURTHER STUDIES

### Discover exciting opportunities for further studies!

Our diploma opens doors for you to pursue a degree at reputable local and overseas universities. Top local and overseas universities welcome our graduates with credit exemptions.

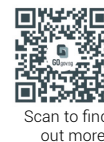
They include:

- Nanyang Technological University
- National University of Singapore
- Singapore Institute of Technology
- Singapore Management University
- Singapore University of Technology & Design
- Singapore University of Social Sciences

Overseas universities in:

- Australia
- New Zealand
- United Kingdom and many other locations

# DIPLOMA IN DIGITAL DESIGN & DEVELOPMENT R47



Scan to find out more!

## BE AN EXPERT IN SPECIALISED TECHNOLOGIES.

- Gain expertise in application development and user interface/user experience (UI/UX) design
- Build immersive experiences for next-generation digital platforms
- Use AI and Machine Learning services to create smart solutions



### General Modules

- Communication in the Global Workplace
- Critical Thinking and Problem Solving Skills
- ECG I: Exploring the Future of Work
- ECG II: Becoming Future-Ready
- Innovation and Practice
- Life Skills I
- Life Skills II
- Life Skills III
- Singapore, the World and I

### Discipline Modules

- Computer System Technologies
- Database Systems
- IT in Business Processes
- IT Security and Management
- Mathematics
- Programming Fundamentals I
- Programming Fundamentals II
- Software Application Development
- Software Development Process

### Specialisation Modules

- AI and Machine Learning
- Business Intelligence
- Fundamentals of Design
- Immersive Technologies
- Mobile App Development
- Software Testing and Analytics
- UI/UX Design for Apps
- Web App Development

### Elective Modules

Select one module from the list below:

- Application Security
- Business Analytics
- Emerging Technologies
- IT Project Management

### Industry Orientation Programme<sup>#</sup>

Option 1:

- Portfolio Development
- Project

Select one module from the list below:

- Corporate Innovation Immersion Programme
- Entrepreneurial Immersion Programme
- Industry Immersion Programme

Option 2:

- Industry Immersion Programme
- Industry Immersion Programme II\*\*
- Portfolio Development

### Freely Chosen Modules

Students will need to either select the Special Project module or select two modules from a list of Freely Chosen Modules. Students under the 1-year Industry Immersion Programme will not be required to take the Freely Chosen Modules.

## CAREER OPPORTUNITIES

You will be well-prepared to take on roles such as:

- Mobile and Web App Developer
- Systems Analyst
- UI Designer
- UX Designer

<sup>#</sup>Note: Final-year students embarking on the Industry Orientation Programme (IOP) will take on the following modules:

• Portfolio Development and Industry Immersion Programme<sup>\*</sup> OR  
• Portfolio Development, Industry Immersion Programme and Industry Immersion Programme II<sup>\*\*</sup>

<sup>\*</sup>This includes one Project, plus one of the following options: Corporate Innovation Immersion Programme, Entrepreneurial Immersion Programme or Industry Immersion Programme.

<sup>\*\*</sup>Eligible students who meet the academic prerequisites will be given the option to select Industry Immersion Programme II (IIP II). The coverage of IIP II will be equivalent to one Specialisation Module, one Elective Module, two Freely Chosen Modules, and one Project. Eligible students will undertake IIP II during Semester 2 of the final year, for the diploma of study.



## ABOUT THE DIPLOMA

Explore trending and emerging technologies in the Diploma in Digital Design & Development (DDDD). From Immersive Media and Artificial Intelligence to the Internet of Things, you will gain the know-how to keep you relevant.

Learn to design and build immersive experiences for next-generation digital platforms with voice commands for smart assistants such as Google Home, Amazon Echo and even Virtual Reality apps for head-mounted devices.

Immerse yourself in innovative technology concepts such as machine learning, business intelligence, software testing, and analytics, all of which will be covered in the comprehensive curriculum of the diploma.

Through this holistic learning experience at DDDD, you will be ready for an exciting career!

## FURTHER STUDIES

### Discover exciting opportunities for further studies!

Our diploma opens doors for you to pursue a degree at reputable local and overseas universities. Top local and overseas universities welcome our graduates with credit exemptions.

They include:

- Nanyang Technological University
- National University of Singapore
- Singapore Institute of Technology
- Singapore Management University
- Singapore University of Technology & Design
- Singapore University of Social Sciences

Overseas universities in:

- Australia
- New Zealand
- United Kingdom and many other locations

# DIPLOMA IN FINANCIAL TECHNOLOGY R18



Scan to find  
out more!

## LEARN WHAT IT TAKES TO BE A FINTECH PROFESSIONAL.

- Learn and apply technological innovations such as Blockchain, Payments and Data Analytics to solve business problems in the financial industry
- Develop software programming skills and knowledge to create IT solutions
- Gain knowledge of the financial ecosystem to kick-start a career in IT and financial industries
- Understand the importance of entrepreneurship and be equipped with foundational skills in setting up a FinTech business



### General Modules

- Communication in the Global Workplace
- Critical Thinking and Problem Solving Skills
- ECG I: Exploring the Future of Work
- ECG II: Becoming Future-Ready
- Innovation and Practice
- Life Skills I
- Life Skills II
- Life Skills III
- Singapore, the World and I

### Discipline Modules

- Computer System Technologies
- Database Systems
- IT in Business Processes
- IT Security and Management
- Mathematics
- Programming Fundamentals I
- Programming Fundamentals II
- Software Application Development
- Software Development Process

### Specialisation Modules

- AI and Machine Learning
- Business Intelligence
- Distributed Ledger Technologies
- Distributed Ledger Technology Solutioning
- Entrepreneurship
- Enterprise Solutions for Business
- Financial Ecosystem
- Financial Technologies
- Payment Technologies

### Elective Modules

Select one module from the list below:

- Business Analytics
- IT Project Management
- Mobile App Development
- UI/UX Design for Apps

### Industry Orientation Programme\*

#### Option 1:

- Project

Select one module from the list below:

- Corporate Innovation Immersion Programme
- Entrepreneurial Immersion Programme
- Industry Immersion Programme

#### Option 2:

- Industry Immersion Programme
- Industry Immersion Programme II\*\*

### Freely Chosen Modules

Students will need to either select the Special Project module or select two modules from a list of Freely Chosen Modules. Students under the 1-year Industry Immersion Programme will not be required to take the Freely Chosen Modules.

## CAREER OPPORTUNITIES

You are set to take on key positions with leading organisations in both the public and private sectors. You can look forward to roles such as:

- Application Developer
- Associate Business Analyst
- Compliance Analytics Analyst
- FinTech Entrepreneur

\*Note: Final-year students embarking on the Industry Orientation Programme (IOP) will take on the following modules:

• Industry Immersion Programme only, OR  
• Industry Immersion Programme and Industry Immersion Programme II\*

\*This includes one Project, plus one of the following options: Corporate Innovation Immersion Programme, Entrepreneurial Immersion Programme or Industry Immersion Programme.

\*\*Eligible students who meet the academic prerequisites will be given the option to select Industry Immersion Programme II (IIP II). The coverage of IIP II will be equivalent to one Specialisation Module, one Elective Module, two Freely Chosen Modules, and one Project. Eligible students will undertake IIP II during Semester 2 of the final year, for the diploma of study.



## ABOUT THE DIPLOMA

Develop software development skills relevant to the financial services sector through the Diploma in Financial Technology (DFT).

You will be equipped with key FinTech concepts, relevant business models and technologies to provide innovative IT ideas and applications in the industry.

Internships with renowned banks and leading FinTech companies will offer you valuable working experience to further enhance your IT development skills and business processes knowledge. You may even choose to become an entrepreneur with your own FinTech startup under RP's Entrepreneurship Innovation Programme.

## FURTHER STUDIES

### Discover exciting opportunities for further studies!

Our diploma opens doors for you to pursue a degree at reputable local and overseas universities. Top local and overseas universities welcome our graduates with credit exemptions.

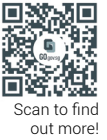
They include:

- Nanyang Technological University
- National University of Singapore
- Singapore Institute of Technology
- Singapore Management University
- Singapore University of Technology & Design
- Singapore University of Social Sciences

Overseas universities in:

- Australia
- New Zealand
- United Kingdom and many other locations

# DIPLOMA IN INFOCOMM SECURITY MANAGEMENT R55



## BE AT THE FRONTLINE OF CYBER SECURITY.

- Gain a comprehensive understanding about the intricacies of key cyber security technologies
- Develop techniques for tracking and fighting cybercrime
- Undergo a 20-week or one-year Industry Immersion Programme with organisations such as Accenture, NCS, Singtel, ST Engineering, and Thales



### General Modules

- Communication in the Global Workplace
- Critical Thinking and Problem Solving Skills
- ECG I: Exploring the Future of Work
- ECG II: Becoming Future-Ready
- Innovation and Practice
- Life Skills I
- Life Skills II
- Life Skills III
- Singapore, the World and I

### Discipline Modules

- Computer System Technologies
- Database Systems
- IT in Business Processes
- IT Security and Management
- Mathematics
- Programming Fundamentals I
- Programming Fundamentals II
- Software Application Development

### Elective Modules

Select one module from the list below:

- Business Analytics
- Emerging Technologies
- IT Project Management
- Mobile App Development

### Specialisation Modules

- AI and Machine Learning
- Application Security
- Computer System Security
- Ethical Hacking
- Digital Security and Forensics
- Governance, Risk & Compliance and Data Protection
- Internetworking Security
- Intrusion Detection and Prevention
- Operating Systems and Cloud Computing
- Security Incident Response Management

### Industry Orientation Programme\*

#### Option 1:

- Project

Select one module from the list below:

- Corporate Innovation Immersion Programme
- Entrepreneurial Immersion Programme
- Industry Immersion Programme

#### Option 2:

- Industry Immersion Programme
- Industry Immersion Programme II\*\*

### Freely Chosen Modules

Students will need to either select the Special Project module or select two modules from a list of Freely Chosen Modules. Students under the 1-year Industry Immersion Programme will not be required to take the Freely Chosen Modules.

## CAREER OPPORTUNITIES

You can embark on a variety of exciting careers related to infocomm security management. You will be well-prepared to take on roles such as:

- Cloud Security Officer
- Computer Forensic Examiner
- IT Audit Officer
- IT Security Analyst
- IT Security Engineer
- Network Security Administrator
- Security Penetration Tester

\*Note: Final-year students embarking on the Industry Orientation Programme (IOP) will take on the following modules as part of the IOP:

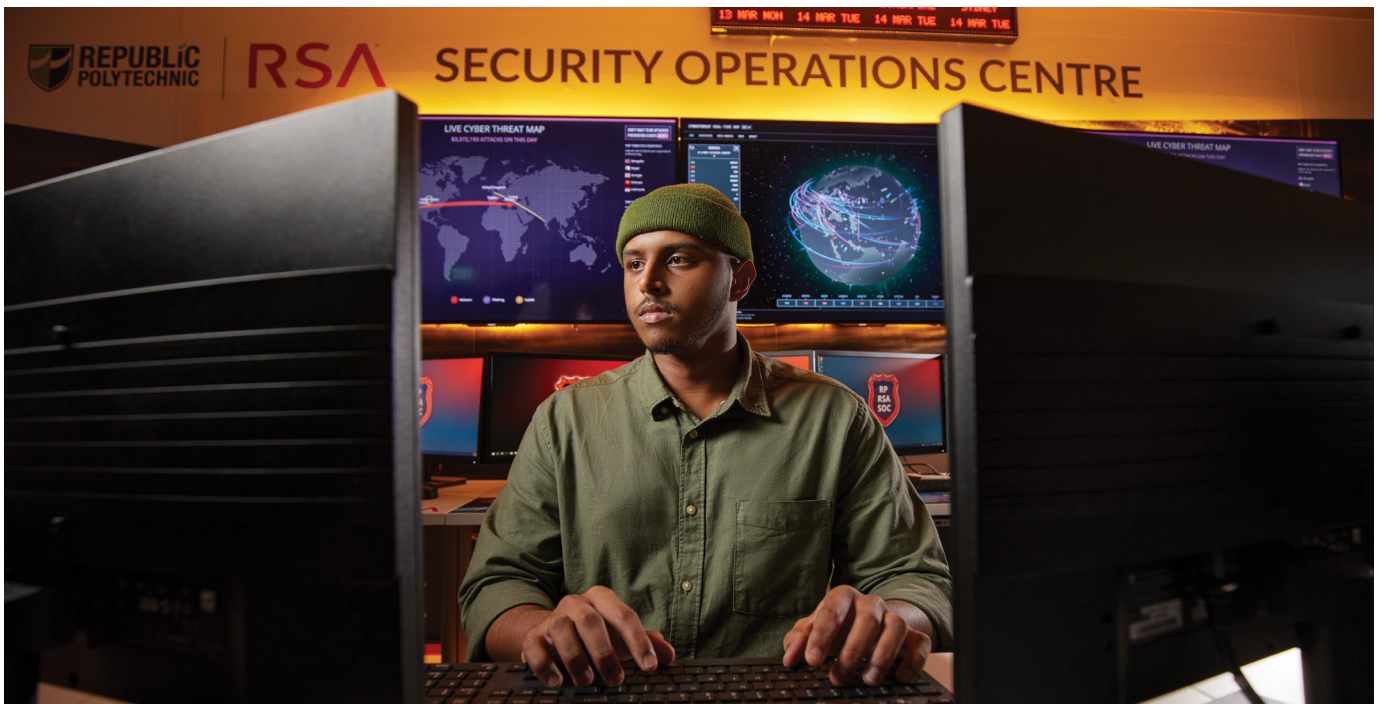
• Industry Immersion Programme only, OR

• Industry Immersion Programme and Industry Immersion Programme II\*

\*This includes one Project, plus one of the following options: Corporate Innovation Immersion Programme, Entrepreneurial Immersion Programme or Industry Immersion Programme.

\*\*Eligible students who meet the academic prerequisites will be given the option to select Industry Immersion Programme II (IIP II). The coverage of IIP II will be equivalent to one Specialisation Module, one Elective Module, two Freely Chosen Modules, and one Project. Eligible students will undertake IIP II during Semester 2 of the final year, for the diploma of study.





## ABOUT THE DIPLOMA

The Diploma in Infocomm Security Management (DISM) prepares you to be an in-demand cyber security specialist.

Acquire the crucial skills to design robust IT technologies that can withstand cyberattacks and rectify vulnerabilities in home and workplace security systems.

Seize the opportunities to acquaint yourself with advanced and state-of-the-art IT security systems, all while mastering the most effective strategies and practices for safeguarding an organisation's digital assets.

Learn to direct, manage and operate security operation centres from this diploma which covers specialised modules on ethical hacking, intrusion detection, prevention, and security incident response.

## FURTHER STUDIES

### Discover exciting opportunities for further studies!

Our diploma opens doors for you to pursue a degree at reputable local and overseas universities. Top local and overseas universities welcome our graduates with credit exemptions.

They include:

- Nanyang Technological University
- National University of Singapore
- Singapore Institute of Technology
- Singapore Management University
- Singapore University of Technology & Design
- Singapore University of Social Sciences

Overseas universities in:

- Australia
- New Zealand
- United Kingdom and many other locations

# DIPLOMA IN INFORMATION TECHNOLOGY R12



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## BE EMPLOYABLE IN ANY INDUSTRY WITH STRONG, VERSATILE IT SKILLS.

- Learn how IT systems, intelligent networks and software applications are designed, developed, managed, and powered by Cloud Technology
- Understand the current IT security concerns and learn how to deploy secured Enterprise networks
- Undergo a 20-week or one-year Industry Immersion Programme with organisations such as Accenture, Amazon Web Services (AWS), NCS Pte Ltd, Oracle, Pactera Edge, and many more



### General Modules

- Communication in the Global Workplace
- Critical Thinking and Problem Solving Skills
- ECG I: Exploring the Future of Work
- ECG II: Becoming Future-Ready
- Innovation and Practice
- Life Skills I
- Life Skills II
- Life Skills III
- Singapore, the World and I

### Discipline Modules

- Computer System Technologies
- Database Systems
- IT in Business Processes
- IT Security and Management
- Mathematics
- Programming Fundamentals I
- Programming Fundamentals II
- Software Application Development
- Software Development Process

### Elective Modules

**Select one module from the list below:**

- Emerging Technologies
- Ethical Hacking
- IT Project Management
- Mobile App Development

### Specialisation Modules

- Cloud Administration
- Cloud Data Centre Management
- DevOps Fundamentals
- Internetworking
- Intelligent Networks
- IT Service Delivery
- IT Service Operations with AI
- Linux Administration and Virtualisation
- Operating Systems and Cloud Computing

### Industry Orientation Programme<sup>#</sup>

#### Option 1:

- Project

#### Select one module from the list below:

- Corporate Innovation Immersion Programme
- Entrepreneurial Immersion Programme
- Industry Immersion Programme

#### Option 2:

- Industry Immersion Programme
- Industry Immersion Programme II<sup>\*\*</sup>

### Freely Chosen Modules

Students will need to either select the Special Project module or select two modules from a list of Freely Chosen Modules. Students under the 1-year Industry Immersion Programme will not be required to take the Freely Chosen Modules.

## CAREER OPPORTUNITIES

You will be valued for your broad expertise in IT. You will be able to pursue opportunities in roles such as:

- Cloud Operation Engineer
- Infrastructure Support Engineer
- Software Support Developer
- Systems Support Engineer

<sup>#</sup>Note: Final-year students embarking on the Industry Orientation Programme (IOP) will take on the following modules:

• Industry Immersion Programme only, OR  
• Industry Immersion Programme and Industry Immersion Programme II<sup>\*\*</sup>

<sup>\*</sup>This includes one Project, plus one of the following options: Corporate Innovation Immersion Programme, Entrepreneurial Immersion Programme or Industry Immersion Programme.

<sup>\*\*</sup>Eligible students who meet the academic prerequisites will be given the option to select Industry Immersion Programme II (IIP II). The coverage of IIP II will be equivalent to one Specialisation Module, one Elective Module, two Freely Chosen Modules, and one Project. Eligible students will undertake IIP II during Semester 2 of the final year, for the diploma of study.



## ABOUT THE DIPLOMA

Ready to embark on an epic adventure into the world of technology? The Diploma in Information Technology (DIT) is your ultimate passport to an exciting future!

Harness the power of Cloud technology and DevOps practices to transform the way we live, work and play. Imagine creating your very own mind-blowing web-based and mobile applications that can be accessed from anywhere, at any time, thanks to the magic of the Cloud.

But that's not all! Our action-packed diploma goes beyond coding and delves deep into the DevOps universe. Learn how to seamlessly integrate development and operations, becoming a master of efficiency and collaboration. From automating processes to deploying applications with lightning speed, you will acquire the skills of a DevOps superhero.

And here is the best part: the diploma does not just open doors to endless job opportunities - it also serves as a launch pad for your dreams of higher education. Earn the accreditation you need to continue your tech education in top-notch local and overseas universities. The world is your oyster, and your future is limitless!

Are you ready to unleash your inner tech hero, conquer the digital world and soar to new heights in the Cloud and DevOps realm? Enroll in the Diploma in Information Technology (DIT) now and join the league of extraordinary tech wizards!

## FURTHER STUDIES

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