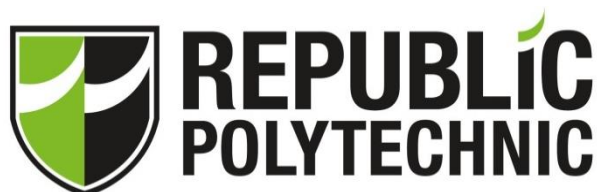# ENTRY REQUIREMENTS OF COURSES TO REPUBLIC POLYTECHNIC

To be eligible for consideration for admission to the various courses in Republic Polytechnic, applicants must obtain **26 points or better for the net ELR2B2 aggregate score** (i.e. English Language, 2 relevant subjects and best 2 other subjects, **including CCA Bonus Points**) and meet the minimum entry requirements as shown in the table of courses in this section. CCA cannot be used in meeting the minimum entry requirements.

The "**Net ELR2B2 Range for Previous (2023) JAE**" in the table below shows the **net ELR2B2 aggregate of the highest to lowest ranked students who were admitted to these courses in the 2023 Joint Admissions Exercise (JAE)**. These aggregate scores are meant as a reference for applicants applying to these courses, and **do not** constitute the admission scores for subsequent admission exercises. The net ELR2B2 aggregate scores for the courses are not pre-determined by MOE or polytechnics before posting. The eventual course aggregate scores for the 2024 JAE may vary from previous years, depending on students' GCE O-Level examination results and their course choices during the JAE.

Find out about each course at *www.moe.gov.sg/coursefinder*.

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements
APPLIED SCIENCES				

Applied Chemistry ①
 	
Specialisations: Ⓐ
 • Industrial Chemistry
 • Materials Science
	R17	ELR2B2-C	12 to 18	<u>Subject</u> <u>Grade</u>
				 a) English Language 1-7
				 b) Mathematics (Elementary/Additional) 1-6
				 c) Any one of the following subjects: 1-6
				    • Biology
				    • Biotechnology
				    • Chemistry
				    • Food & Nutrition / Nutrition & Food Science
				    • Physics
				    • Science (Chemistry, Biology)
				    • Science (Physics, Biology)
				    • Science (Physics, Chemistry)

Biomedical Science ① **Specialisations:** Ⓐ • Biomedical Research • Medical Laboratory Technology	R14	ELR2B2-C	7 to 12	
Biotechnology ① **Specialisations:** Ⓐ • Biologics • Food and Agrotech	R16	ELR2B2-C	8 to 19	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements	
Common Science Programme ① The first year semester 1 modules are common to all students and they will opt for and stream to one of the following 5 Diplomas at the end of semester 1: • Applied Chemistry • Biomedical Science • Biotechnology • Environmental & Marine Science • Pharmaceutical Science	R59	ELR2B2-C	12 to 18	Subject a) English Language b) Mathematics (Elementary/Additional) c) Any one of the following subjects: • Biology • Biotechnology • Chemistry • Food & Nutrition / Nutrition & Food Science • Physics • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry)	Grade 1-7 1-6 1-6
Environmental & Marine Science ① ② ③ **Specialisations:** Ⓐ • Aquaculture Technology • Environmental Management and Technology	R62	ELR2B2-C	8 to 15		
Pharmaceutical Science ① **Specialisations:** Ⓐ • Industrial Pharmacy • Pharmacy Practice	R22	ELR2B2-C	8 to 19		
BUILT ENVIRONMENT					
Sustainable Built Environment	R61	ELR2B2-C	16 to 26	Subject a) English Language b) Mathematics (Elementary/Additional) c) Any one of the following subjects: • Biology • Biotechnology • Chemistry • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Physics • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry)	Grade 1-7 1-6 1-6

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements
BUSINESS & MANAGEMENT				
Business	R60	ELR2B2-B	9 to 20	
Common Business Programme ⑦ The first year semester 1 modules are common to all students and they will opt for and stream to one of the following 8 Diplomas at the end of semester 1: • Business • Consumer Behaviour & Research • Customer Experience Management with Business • Hotel & Hospitality Management • Human Resource Management with Psychology • Integrated Events Management • Restaurant & Culinary Operations • Tourism Management with Technology	R57	ELR2B2-B	8 to 26	
Consumer Behaviour & Research	R48	ELR2B2-B	14 to 18	
Customer Experience Management with Business	R34	ELR2B2-B	15 to 22	
Hotel & Hospitality Management ③	R37	ELR2B2-B	13 to 26	
Human Resource Management with Psychology	R52	ELR2B2-B	8 to 16	
Integrated Events Management	R28	ELR2B2-B	15 to 26	
Outdoor & Adventure Learning ②④	R33	ELR2B2-B	11 to 25	
Restaurant & Culinary Operations ③	R46	ELR2B2-B	14 to 26	
Tourism Management with Technology	R64	ELR2B2-B	17 to 25	

Minimum Entry Requirements (for Business & Management courses):

	Subject	Grade
a)	English Language	1-6
b)	Mathematics (Elementary/Additional)	1-6
c)	Any one of the 2nd group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements	
Aviation Management	R39	ELR2B2-C	15 to 25	Subject	Grade
				a) English Language	1-7
				b) Mathematics (Elementary/Additional)	1-6
				c) Any one of the following subjects:	1-6
Industrial & Operations Management	R11	ELR2B2-C	14 to 26	• Biology • Biotechnology • Chemistry • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Physics	
Supply Chain Management	R21	ELR2B2-C	13 to 26	• Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry)	

ENGINEERING					
Aerospace Engineering ① ③⑤⑧	R40	ELR2B2-C	12 to 26	Subject	Grade
				a) English Language	1-7
				b) Mathematics (Elementary/Additional)	1-6
				c) Any one of the following subjects:	1-6
Common Engineering Programme ⑧ The first year semester 1 modules are common to all students and they will opt for and stream to one of the following 8 Diplomas at the end of semester 1: • Aerospace Engineering • Aviation Management • Electrical & Electronic Engineering • Engineering Design with Business • Engineering Systems & Management • Industrial & Operations Management • Supply Chain Management • Sustainable Built Environment	R42	ELR2B2-C	13 to 26	• Biology • Biotechnology • Chemistry • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Physics • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry)	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements	
Electrical & Electronic Engineering ⑧ **Specialisations:** Ⓐ • Aerospace Electronics • Communications • Microelectronics	R50	ELR2B2-C	18 to 26	<u>Subject</u> a) English Language b) Mathematics (Elementary/Additional) c) Any one of the following subjects: • Biology • Biotechnology • Chemistry • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Physics • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry)	<u>Grade</u> 1-7 1-6 1-6
Engineering Design with Business	R56	ELR2B2-C	16 to 26		
Engineering Systems & Management	R54	ELR2B2-C	15 to 21		
HEALTH SCIENCES					
Common Sports and Health Programme ⑨ The first year semester 1 modules are common to all students and they will opt for and stream to one of the following 5 Diplomas at the end of semester 1: • Health Management & Promotion • Health Services Management • Outdoor & Adventure Learning • Sport Coaching • Sport & Exercise Science	R63	ELR2B2-C	12 to 26	<u>Subject</u> a) English Language b) Mathematics (Elementary/Additional) c) Any one of the following subjects: • Biology • Biotechnology • Chemistry • Design & Technology • Electronics / Fundamentals of Electronics • Exercise & Sports Science • Physics • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry)	<u>Grade</u> 1-7 1-6 1-6
Health Management & Promotion ①③⑤	R43	ELR2B2-C	14 to 26		
Health Services Management ①③⑤	R45	ELR2B2-C	16 to 26		
Sport Coaching ③	R49	ELR2B2-C	13 to 18		
Sport & Exercise Science ③	R26	ELR2B2-C	6 to 14		

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements	
MEDIA & DESIGN					
Mass Communication	R32	ELR2B2-A	9 to 16		Subject	Grade
				a) English Language	1-4
				b) Mathematics (Elementary/Additional)	1-7
				c) Any one of the 1st group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6
Common Arts, Design and Media Programme ⑩ The first-year modules are common to all students, and they will opt for and stream to one of the following 5 Diplomas at the end of semester 2: • Arts & Theatre Management • Media Production & Design • Design for Games & Gamification • Design for User Experience • Sonic Arts	R65	ELR2B2-A	13 to 20		Subject	Grade
				a) English Language	1-6
				b) Mathematics (Elementary/Additional)	1-7
				c) Any one of the 1st group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6
Arts & Theatre Management ①⑥⑧	R25	ELR2B2-A	13 to 19		
Media Production & Design ③	R19	ELR2B2-A	13 to 18		
Design for Games & Gamification ⑧	R35	ELR2B2-D	12 to 17		Subject	Grade
				a) English Language	1-7
				b) Mathematics (Elementary/Additional)	1-7
				c) Any one of the 2nd group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6
Design for User Experience ⑧	R36	ELR2B2-D	15 to 20		
Sonic Arts ③	R24	ELR2B2-D	11 to 18		

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements	
INFORMATION & DIGITAL TECHNOLOGIES					
Business Information Systems	R13	ELR2B2-C	15 to 26		Subject	Grade
				a) English Language	1-7
Common ICT Programme The first year modules are common to all students and they will opt for and stream to one of the following 5 Diplomas at the end of semester 2: • Business Information Systems • Digital Design & Development • Financial Technology • Infocomm Security Management • Information Technology	R58	ELR2B2-C	13 to 26	b) Mathematics (Elementary/Additional) 1-6 c) Any one of the 2nd group of Relevant Subjects for the ELR2B2-C Aggregate Type 1-6	
Digital Design & Development ⑪	R47	ELR2B2-C	15 to 26		
Financial Technology	R18	ELR2B2-C	16 to 26		
Infocomm Security Management	R55	ELR2B2-C	10 to 25		
Information Technology **Specialisation:** Ⓐ • Cloud Infrastructure Management	R12	ELR2B2-C	15 to 26		

Note: (Republic Polytechnic)

① *It should be noted that candidates with visual impairment may encounter difficulties meeting the course requirements and expectations. Applicants with mild visual impairment who are interested to apply for the following Diploma Programmes may be assessed on a case-by-case basis to determine their suitability for the programmes.*

② *Applicants who are interested in applying for this course should ensure they have water confidence because the course includes participation in water-based activities. For more clarifications and information, please check directly with Republic Polytechnic.*

③ *It should be noted that candidates with colour appreciation deficiency, profound hearing loss, uncontrolled epilepsy and/or physical impairments may encounter difficulties meeting the course requirements and expectations. For more clarifications and information, please check directly with Republic Polytechnic.*

④ *In line with industry requirements, applicants who are interested in applying for a Diploma in Outdoor & Adventure Learning (R33) should ensure that they do not have profound mobility, hearing, and visual impairments, as well as neurodiversity such as autism spectrum disorder. They should not have any chronic health conditions such as asthma, epilepsy, skin disorder, high blood pressure, heart problems and schizophrenia. For more clarifications and information, please check directly with Republic Polytechnic.*

⑤ *It should be noted that students with mobility challenges may encounter difficulties meeting the course requirements and expectations. For further clarification and information, please check directly with Republic Polytechnic.*

⑥ *It should be noted that applicants with hearing impairment may encounter difficulties meeting the course requirements and expectations, and may be assessed on a case-by-case basis to determine their suitability for the programme. For more clarifications and information, please check directly with Republic Polytechnic.*

⑦ *Students admitted to the Common Business Programme (R57) must ensure that they satisfy the requirements as stated in the footnotes before they can be streamed to the respective courses.*

⑧ *Applicants with mild colour vision deficiency may be assessed on a case-by-case basis to determine their suitability for the courses.*

⑨ *Students admitted to the Common Sports and Health Programme (R63) must ensure that they satisfy the requirements of the respective diplomas before they can be streamed to the respective courses. Students opting to stream into the Diploma in Outdoor & Adventure Learning (R33) must fulfil the minimum entry requirements for the diploma, which include meeting the subject specific grades and the required aggregate score.*

⑩ *Students admitted to the Common Arts, Design and Media Programme (R65) must ensure that they satisfy the requirements of the respective diplomas before they can be streamed to the respective courses. Those opting to stream into the Diploma in Design for Games & Gamification (R35), the Diploma in Design for User Experience (R36) or the Diploma in Sonic Arts (R24) are required to pass the introductory elective module for the diploma in lieu of fully meeting their minimum entry requirements.*

⑪ *Applicants with severe colour vision deficiency may encounter difficulties in some modules with high reliance on colour usage. Such candidates may be required to attend an interview to determine their suitability for admission to the course. For more clarifications and information, please check directly with Republic Polytechnic*

Ⓐ *Allocation of options/electives/specialisations will depend on students fulfilling the prerequisites of completing selected modules, meeting criteria and also availability of places in the respective courses.*