Sec 4E5N Parent

Engagement

Session
(24 Mar 2023)

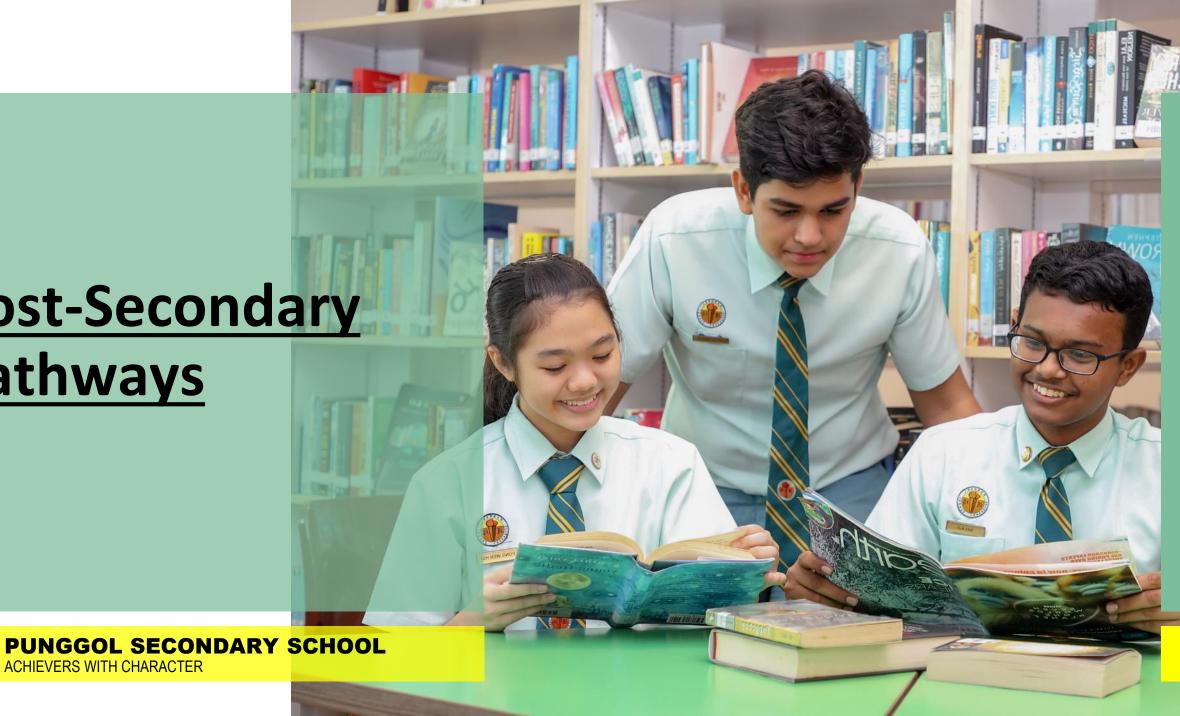




Agenda

Time	Programme		
6.30 pm - 7 pm	 Opening by Principal Overview of post-secondary pathways and criteria Update on Sec 4 and 5 programmes and support from school to prepare students for their national exam 		
7 pm – 7.30 pm	- Talk by Nanyang Poly on diploma courses & Early Admission Exercise (EAE)		
7.30 pm - 8 pm	- Talk about Junior College + Q&A		

2022 O-Level Results - An Overview



Post-Secondary Pathways

Minor Issues: Dear daughter, sorry we were a bit negative about poly last year

It is a good thing that you stuck to your guns, and Daddy and I are now looking forward to a fulfilling education ahead for you.

Jill Lim



Soundbites from article

In any case, while a degree may give you an early advantage in terms of job search and starting pay, it's not the answer to everything.

Things can change after you graduate. You may end up not wanting to work in your field of study after all. (Just google "lawyers who quit, Singapore".)

The job situation or outlook for specific industries can change. A person's **performance and attitude** count for a lot too.

So don't fret about what kind of job you might or might not be able to get, or whether you will end up being in a less lucrative career than your peers.

Focus on the here and now. Grow as a person. Enjoy your course and do as well in it as you can. We can think about your options after that, when it's time.

JC or Poly?

JC route

Pros:

- Shorter duration (2 Years)
- Flexible subject combination
- Standard student life similar to O-Levels
 Cons:
- Heavier academic workload
- Very structured school timetable
- Retaining is a possibility

JC or Poly?

- Poly route
 - Pros:
- University-like school environment
- No uniform
- Internship opportunity
- Less intense academic load with more emphasis on project work and presentations
- Large range of courses to choose from

Cons:

- 3 year timeline
- Maintenance of grade (GPA every semester)
- 'Hell week' when all modules' assignment deadlines are due in the same week

JC or Poly?

Which Should You Choose? JC or Poly?

JC:

- Not sure exactly what you want to do in the future
- Academically-inclined and willing to put in hours poring over books
- Enjoy structured schooling life

Poly:

- Enjoy working on applied skills
- Prefer projects and cumulative assessments over exams
- Know exactly what you want to do in the future

The key deciding factor should be which education path suits you best.

Description	JC	MI
Qualifications	A-levels	A-levels
	International Baccalaureate Diploma (SJI and ACS-I)	
Duration	2 years	3 years
Eligibility criteria	Gross L1R5 ≤ 20 points	Gross L1R4 ≤ 20 points
Programmes Offered	Science Arts Special Programmes	Science Arts Commerce Programmes
Examination Timeline	Year 1: MTL & PW Year 2: 3H2, 1H1 & GP	Year 2: PW, 1H1 & MTL Year 3: 3H2 & GP



Polytechnic Pathway











- 13 JCs/MI
- The compulsory subjects are:
- Project Work Pass/Fail subject (2024 onwards)
- Mother Tongue (H1, completed in JC1/PU2)
- GP is compulsory for all students in JC (2024 onwards)
- 4. 4 other subjects The minimum requirement is 3 H2 subjects and 1 H1 subject.
- Academic deep dive (Prep for uni)
- A-Levels at end of Yr 2
- No more mid-year exams for JCs and Millennia Institute from 2024

- 5 Polys 35-50 different courses per poly
- 25-30 bite-sized modules per course spread over 3 years
- Career ready with sector-specific skills and technical knowledge
- Cumulative GPA from all modules
- Applied and practice based learning

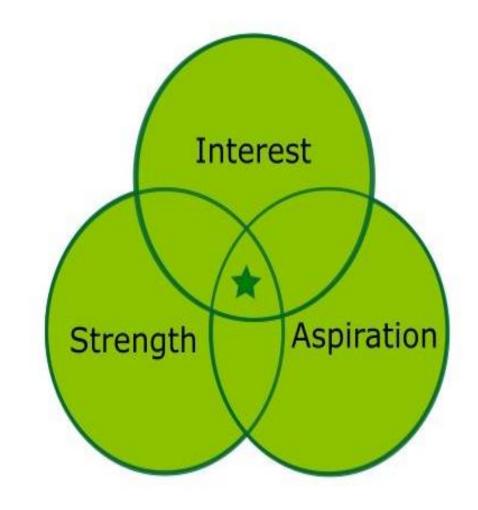
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"Life is a matter of choices, and every choice you make makes you."

John C. Waxwell

thegoalchaser.com



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ADMISSION CRITERIA for JC

Aggregate Types Computation Criteria

			L1R5: For Junior College Course		
L1	First Language	English/ Higher Mother Tongue			
	Relevant Subject 1 Relevant Subject 2	_	Humanities/ Higher Art/ Higher Music/ Malay (Special Programme) Chinese (Special Programme)/ Bahasa Indonesia Mathematics/ Science		
R5	Relevant Subject 3	-	Humanities/ Higher Art/ Higher Music/ Mathematic Malay (Special Programme)/ Chinese (Special Pro Bahasa Indonesia		
	Relevant Subject 4	-	Any GCE 'O' Level subjects (except Religious Knowledge and CCA)	<u>L1R5 r</u> (excludin	
	Relevant Subject 5	-	Any GCE 'O' Level subjects (except Religious Knowledge and CCA)	<u> </u>	

Minimum Requirement for	Grade
English	C6
Mathematics	D7
Mother Tongue Pass in Mother Tongue (B)	D7

L1R5 must be ≤ 20

excluding bonus points

Eligibility to JCs is based on raw L1R5, ie. If a student scores 22 points and has 2 bonus points, he/she cannot have 2 points deducted to 20 qualify for JC.



ADMISSION CRITERIA FOR MI

_			L1R4 : For Millennia Institute Course		
L1	First Language	-	English/ Higher Mother Tongue		
	Relevant Subject 1	-	Humanities/ Higher Art/ Higher Music/ Mathemat Malay (Special Programme)/ Chinese (Special P Bahasa Indonesia		
R4	Relevant Subject 2	-	Humanities/ Higher Art/ Higher Music/ Mathemat Malay (Special Programme)/ Chinese (Special P Bahasa Indonesia		
	Relevant Subject 3	-	Any GCE 'O' Level subjects (except Religious Knowledge and CCA)	L1R4 must be ≤	
	Relevant Subject 4	-	Any GCE 'O' Level subjects (except Religious Knowledge and CCA)	<u>(excluding bon</u>	

Minimum Requirement for	Grade
English	C6
Mathematics	D7
Mother Tongue Pass in Mother Tongue (B)	D7

Cut-off Point for 2022			
Arts	11-19		
Commerce	5-19		
Science	7-18		

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BONUS POINTS

- For JC/MI only: 2 bonus points, for students who pass EL **and** HMTL
- For JC/MI/Poly/ITE: 1 or 2 bonus points for CCA

CCA attainment	Details
Excellent i.e. A1 or A2 (2 bonus points)	Student who attains a minimum Level 3 in all 4 domains with at least Level 4 in one domain
Good i.e. B3-C6 (1 bonus points)	 Student who attains a minimum Level 1 in all four domains with any one of the following: At least Level 2 in three domains At least Level 2 in one domain and at least Level 4 in another domain At least Level 4 in one domain
Fair	Students' attainment in co-curricular will not translate into any bonus points.

Max 4 bonus points

About 95% of last year's cohort obtained "Good" & "Excellent"

For more information about CCA bonus points: https://punggolsec.moe.edu.sg/the-pss-learning-experience/co-curricular-activities-ccas/leaps



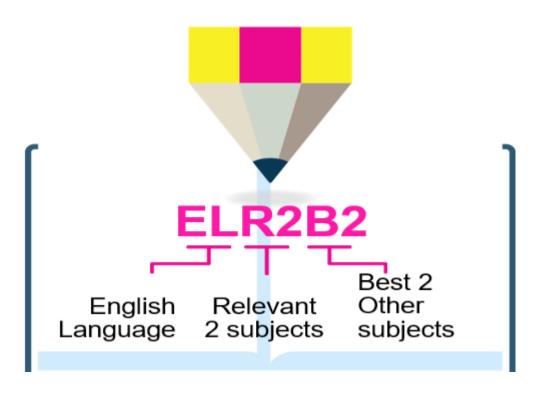
2023 JC CUT OFF POINTS

Name of JC	Arts	Science
Anderson Serangoon JC	11	10
Anglo-Chinese JC	9	8
Anglo-Chinese School (Independent)	5	5
Catholic JC	14	13
Dunman High School (JC)	9	8
Eunoia JC	8	6
Hwa Chong Institution	5	4
Jurong Pioneer JC	17	14
Nanyang JC	6	5

Name of JC	Arts	Science
National JC	8	7
Raffles Institution JC	5	4
River Valley High School	9	8
St. Andrew's JC	10	9
St. Joseph's Institution (JC)	7	-
Tampines Meridian JC	13	13
Temasek JC	9	8
Victoria JC	8	7
Yishun Innova JC	19	20



AGGREGATE COMPUTATIONS TO POLYTECHNICS



To be eligible for poly, students must obtain <u>net</u> ELR2B2 (i.e. including CCA bonus points) ≤ 26 & meet minimum entry requirements

Each polytechnic offers different courses that comes with different pre-requisites. Please refer to http://www.polytechnic.edu.sg/introduction/available-courses



1	λ.				
块	Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
	BUSINESS & MANAGEMENT				
	Accountancy & Finance	C98	ELR2B2-B	6 to 12	Subject Grade a) English Language 1-6
	Banking & Finance	C96	ELR2B2-B	8 to 13	b) Mathematics (Elementary/Additional) 1-6 c) Any three other subjects: 1-6 Note:
	Business Management Specialisations: Customer Relationship and Service Management Event Management Human Resource Management International Business E-Commerce and Retail Management Marketing & Digital Communications Supply Chain Management	C94	ELR2B2-B	6 to 16	To be eligible for admission, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-B Aggregate Type on p.28. This subject will be used for ELR2B2-B aggregate computation.
	Common Business Programme The first semester is common to all students and they will opt for one of the following Diploma courses at the end of semester 1: • Accountancy & Finance • Banking & Finance • Business Management • Food & Beverage Business • Hospitality & Tourism Management	C34	ELR2B2-B	5 to 15	
	Food & Beverage Business Specialisations: Food & Beverage Management Culinary Arts	C46	ELR2B2-B	6 to 16	

2022 JAE Range of Net ELR2B2





So what do all these mean?

For students interested in JC

- L1R5 ≤ 20?
- L1R5 ≤ 10 for eligibility for most JCs?
- Distinctions in 6 subjects

For students interested in Poly

- ELR2B2 ≤ 26?
- ELR2B2 ≤ 15 for more choices?
- Average B3 for 5 subjects

For students with L1B4 ≥30 based on Sec 3's overall results, there is good likelihood of non-eligibility for poly

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O-Level students

Consider DSA (for JC) and EAE (for poly), as an alternative way to enter the post-sec institution/course

DSA – JC Based on students' talent in sports, CCAs and specific academic areas that may not be demonstrated at the O-Level examinations. Raw L1R5 ≤ 20		
May	Visit school's website for details of start date and deadline of applications	
June – Aug Phase 1	Shortlisting, Interview and offer by school	
Mid Aug Phase 1	Acceptance of offer	
Mid Aug – Sept Phase 2	Shortlisting, Interview and offer by school	
Mid Sept Phase 2	Acceptance of offer	
October	Withdrawal (to join main JAE)	

EAE - Poly

Aptitude-based admissions exercise that allows students to apply for and receive conditional offers for admission to polytechnics prior to receiving their O-Level results.

Net FI R2B2 ≤ 26

End June	Application through Poly EAE Portal
July	Interviews
2 nd week Sept	Offers & Acceptance
Mid Sept – Mid Oct	Withdrawal (to join main JAE)

You should visit the individual schools' websites for more information on application periods, procedures and selection criteria which can differ from school to school.

An Overview of 2023

Term 1	Weighted Assessment 1 (WA1) ✓
Feb - March	Registration for National examinations√
March	Project Confidence - Class bonding activities + Outdoor confidence elements ✓
End Term 1	CCA stand down for students, except for those involved in NSG/SYF✓
24 March	Parent Engagement Session
Apr 6	Last exercise to Right Size (Dropping of subjects)
Apr 28 (Friday)	MTL / MTL B - Prelim Examination
About 1 week before O level MTL paper	MTL and MTLB intensive for students taking the paper For other students, there will be a block timetable
29 & 30 May	O Level MTL Paper (29 May); O Level MTL B Paper (30 May)
June Hols	Students may be called back for consultation / coursework
Start of Term 3	Extended Curriculum – Targeted academic intervention
July to Aug	EL & MTL oral examinations
Mid August	Preliminary Examinations
October	O Level examinations



Coursework dates

O-Level coursework	Start of coursework	School deadline	National deadline
Design & Technology (coursework is 60%)	Jan	Early July	Mid- July
Nutrition and Food Science (coursework is 60%)	Jan	Early July	Mid- July
Art (coursework is 60%)	Jan	Early Sept	Mid Sept

Note:

- EL & MTL 'O' level oral exam in Jul-Aug
- School prelim exams in mid Aug

Students will need to spend significant portion of <u>June holidays on coursework, on top of all other revision</u>. Students will need to <u>closely follow the timeline advised by teacher</u>. This will help you pace out your coursework. It is very important that students take ownership of their coursework progress. Parents' support will be crucial.

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Support from the school

Academic Support

- Free Period Academic Support Programme Teacher supervision and additional help during free periods, starting Term 1
- Extended curriculum in Term 3 Shorter formal curriculum, with targeted intervention for specific students. Additional work to stretch high progress learners.
- Consultations To be initiated by students

Non-academic Support

- Engagement sessions by Poly and ITE on post-secondary education and multiple pathways for students and parents
- EAE Workshop by Poly (Interview skills and 600 character write-up)
- Group and individualised support by ECG Counsellor
- Study Skills (Time management and Memory Techniques)

Others

- Regular class visits by School Leaders, Year Head/Assistant Year Head, other Key Personnel
- Check-ins with top and bottom 20% students
- Night Study Programme (tentatively 2 weeks before Prelim exam in Term 3)

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English

- Holiday homework to address learning gaps
- Extended Curriculum in Term3
- Small group consultations after school or via Zoom
- EL Clinics to hone language skills
- Regular quick checks for mastery of skills taught
- Timed practices in class

Math

- Differentiated topical revision worksheets to serve different learning needs
- Other schs' Prelim papers/ TYS as weekly practice
- Extended curriculum in Term 3 for selected students; small group consultations
- Early completion of syllabus (Math) allows for sufficient revision time before prelim exams and national exams in Semester 2;
- Timed practice in class to guide students in time management and exam skills;
- Bite-sized quizzes in the form of Math games to reinforce understanding.



Science

- Resources for selected science practical skills are made available in padlet for students to view and revise their practical skills.
- Online learning resources such as notes, assignments and other resources are made available in google classroom.
- Extended curriculum time will be used for practical and timed practice.
- Identified students in Science Teaching And Revision (STAR) programme are provided with additional resources to stretch their academic potential.

Humanities

- Additional practices on sections that carries higher weighting in national exam.
- Timed practice to equip students with time management skills.
- Mind maps on key content areas for easier revision.
- Practise past year/other school papers and teacher feedback.
- Small group or one-on-one consultations after school either face to face or zoom.
- Remediation for weak learners during Extended Curriculum.
- Additional practice on higher-order questions for high performers to stretch PUNGGOL SECONDARY SCHOOL their potential.



MTL

- Regular cohort quizzes (resources will be provided to students beforehand to prepare accordingly)
- Targeted consultation after school to help students bridge their learning gaps
- Timed practices using TYS and other schools' exam papers
- Students have the option to offer MTL B syllabus in Term 1 if they are unable to cope. (subjected to balance of subjects and students' aspirations)

Electives

- Targeted consultations with students after school.
- Regular time practices and bite-sized tests after every topic is taught.
- Mind maps used on theories and concepts.
- Topical revision is given to targeted students on targeted topics that they are weaker in.
- Additional higher order thinking questions are given to targeted students on topics that they are good at.
- Remediation with students during Extended Curriculum



Craft and Tech

Theory Component

- Regular bite-size quizzes
- Usage of guidebook for students to have reference materials.
- Customised tasks given in accordance to student's needs.
- Use of Past Year papers for intensive revision

Coursework Component

- Extended curriculum starts from Term 1 Week 2
- Close monitoring by subject teacher with checklist.
- Subject teachers will be working in close partnership with parents



How can I Support My Child?

Build Relationships

- a) Spend quality time to build relationships, do things together as a family
- b) Show care, love and support
- c) Share with your child your personal experiences

Take Interest:

- a) Take an interest in your child's life, friends, activities, school life
- b) Have regular chats (and not only on school work)

Reinforce good habits

- a) Use of digital devices
- b) Sleeping routines
- c) Read
- d) Help your child to grow and be self-directed learner: e.g.
 - i) How to make decisions
 - ii) How to set targets, review strategies, monitor progress, plan for improvement
 - iii) Set parameters

Make use of platforms for home-school communication



Reaching out for help is a sign of strength, not weakness.

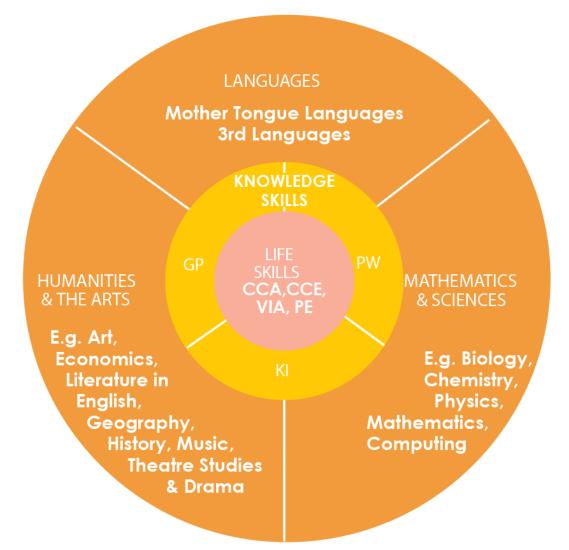
Is there someone we can speak with?

If you have any concerns or are not coping, do reach out to someone you trust and speak with them. It could be a parent/guardian, teacher, School Counsellor or a friend that you can talk to.

Junior College







A-LEVEL CURRICULUM

Typical subject load

- GP, PW, MTL
- 3H2 + 1 H1 subject, including 1 contrasting subject

Very common Sci combi

- H2 Math, Chem, Physics/Biology
- H1 Economics

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SAMPLE GENERAL PAPER ESSAY QUESTIONS (2020 GCE A-LEVEL)

- How reliable are statistics as a guide for planning the future?
- To what extent is human life in general about the survival of the fittest?
- 'Individuals achieve sporting success, not nations.' Discuss.
- 'We shape our buildings, but then our buildings shape us.' To what extent is this true of your society?
- To what extent can any society claim to be great?
- Examine the view that the scientist is concerned only with knowledge, not morality.
- Given greater levels of international cooperation, how necessary is it for countries to engage in the arms trade?
- Should politicians pursue the popular viewpoint or their own convictions, if they conflict?
- Is modern technology a benefit or a threat to democracy?



<u>Table 1: Grade Profiles of the 10th and 90th percentiles of A-Level Applicants offered places for courses at NUS in Academic Year 2021/2022</u> ²

	Representative	Representative Grade Profile:		
NUS Courses	3H2 / 1H1			
NOS COUISES	10th	90th		
	percentile	percentile		
Faculty of Law				
Law*	AAA/A	AAA/A		
School of Medicine				
Medicine*	AAA/A	AAA/A		
Nursing*	CCC/C	AAA/C		
Faculty of Dentistry				
Dentistry*	AAA/A	AAA/A		
School of Design & Environment		•		
Architecture*	ccc/c	AAA/A		
Industrial Design*	BCC/B	AAA/A		
Landscape Architecture*	BCC/B	AAA/A		
Project & Facilities Management	CCC/B	BBB/B		
Real Estate	BCC/B	BBB/B		
Faculty of Engineering				
Biomedical Engineering	BBC/C	AAA/A		
Chemical Engineering	BBC/B	AAA/A		
Civil Engineering	CCC/C	AAA/C		
Electrical Engineering	BCC/B	AAA/A		
Engineering Science	BCC/B	AAA/A		
Environmental Engineering	BCC/C	AAA/A		
Industrial and Systems Engineering	BCC/B	AAB/B		
Materials Science and Engineering	BCC/C	AAA/A		
Mechanical Engineering (Include Aeronautical Engrg Specialisation)	BBC/C	AAA/A		

EXAMPLES OF CUT-OFF POINTS



"C" is assumed for GP & PW



Table 1: Grade Profiles of the 10th and 90th percentiles of A-Level Applicants offered places for courses at NUS in Academic Year 2021/2022 ²

NUS Courses	Representative Grade Profile: 3H2 / 1H1		
NOS COUISCS	10th percentile	90th percentile	
School of Computing			
Business Analytics	AAA/A	AAA/A	
Computer Science	AAA/A	AAA/A	
Information Security	AAA/A	AAA/A	
Information Systems	AAA/B	AAA/A	
Faculty of Engineering & School of Computing			
Computer Engineering	AAA/C	AAA/A	
College of Humanities & Sciences			
Data Science and Economics	AAA/B	AAA/A	
Environmental Studies	AAB/B	AAA/A	
Food Science and Technology	AAA/A	AAA/A	
Humanities and Sciences	ABB/B	AAA/A	
Pharmaceutical Science	AAA/A	AAA/A	
Pharmacy	AAA/A	AAA/A	
Philosophy, Politics, and Economics*	AAA/A	AAA/A	
NUS Business School			
Business Administration	ABB/C	AAA/A	
Business Administration (Accountancy)	ABB/B	AAA/A	

EXAMPLES OF CUT-OFF POINTS





<u>Table 2: Polytechnic GPAs of the 10th and 90th percentiles of Polytechnic Applicants offered places for courses at NUS in Academic Year 2021/2022</u> ³

	Representative	Grade Profile:
NUS Courses	Polytechnic GPA	
	10th percentile	90th percentile
Faculty of Law		
Law*	3.87	3.97
School of Medicine		
Medicine*	3.82	3.99
Nursing*	3.41	3.84
Faculty of Dentistry		
Dentistry*	#	#
School of Design & Environment		
Architecture*	3.49	3.94
Industrial Design*	3.61	3.90
Landscape Architecture*	3.41	3.80
Project & Facilities Management	3.55	3.85
Real Estate	3.56	3.89
Faculty of Engineering		
Biomedical Engineering	3.57	3.93
Chemical Engineering	3.59	3.95
Civil Engineering	3.58	3.94
Electrical Engineering	3.59	3.93
Engineering Science	#	#
Environmental Engineering	#	#
Industrial and Systems Engineering	3.77	3.96
Materials Science and Engineering	3.62	3.97
Mechanical Engineering	3.61	3.94

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ACHIEVERS WITH CHARACTER

EXAMPLES OF CUT-OFF POINTS





<u>Table 2: Polytechnic GPAs of the 10th and 90th percentiles of Polytechnic Applicants offered places for courses at NUS in Academic Year 2021/2022</u> ³

	Representative	Representative Grade Profile:		
NUS Courses	Polytec	Polytechnic GPA		
	10th percentile	90th percentile		
School of Computing				
Business Analytics	3.84	3.97		
Computer Science	3.86	3.99		
Information Security	3.79	3.96		
Information Systems	3.75	3.99		
Faculty of Engineering & School of Computing				
Computer Engineering	3.85	3.98		
College of Humanities & Sciences				
Environmental Studies	#	#		
Food Science and Technology	#	#		
Humanities and Sciences	3.79	3.97		
Pharmaceutical Science	#	#		
Pharmacy	3.91	3.99		
Philosophy, Politics, and Economics*	#	#		
NUS Business School				
Business Administration	3.70	3.96		
Business Administration (Accountancy)	3.79	3.97		

EXAMPLES OF CUT-OFF POINTS





FAQs



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ACHIEVERS WITH CHARACTER



How can my child apply for DSA-JC?

- DSA-JC: An admission exercise that allows students to confirm their places in JCs prior to their GCE O-Level examinations
- Application typically begins in May-June (check out respective JC's website)
- Procedures and selection criteria differ from school to school
- Depending on the DSA area applied to, students may be asked to submit any of the following: a portfolio showcasing your talents and achievements/ secondary school results/ CCA records/ a personal statement/ a character reference.
- Results: Phase 1: By August, Phase 2: By September
- More information: https://www.moe.gov.sg/post-secondary/admissions/dsa/apply/

*Can participate in the DSA-JC and <u>Early Admissions Exercise (EAE)</u> concurrently. However, you can only accept **one** offer (i.e. either a DSA-JC or EAE offer).



Can my child take Biology in JC if he didn't take it in secondary school?

- Depends on each JC.
- For H1 and H2 Biology, foundational or assumed knowledge in Biology at O-Level is required mostly in JC, either as a pure subject or as part of a Combined Science subject.
- Some JCs require a Pass in O-Level Biology (e.g. C5), while some require B4, etc., and some ask for at least a A2 Bio in C. Science (with Bio).
- Some JC allow students with no O-level Biology, need to obtain at least B3 for O-level Chemistry to take only H1 Biology, while others don't.

*Student doesn't need JC H2 Bio to take medicine. Instead, H2 Chem is needed.



What path is the 'better' way to university for example, biomedical course?

- Depends on your child's strength, interest and aspiration
- E.g 8 points for Biomedical Science at Ngee Ann Poly



SOME ADVICE...

- Don't choose JC just because you don't know what poly course to pursue.
 - Choose JC because you prefer a more academic/structured curriculum
- Don't choose JC just because it seems to be the easier (faster) way to get into University
 - Students who do well in poly might be exempted from University Year 1
 - Generally, 2/3 of undergraduates are from JC track, and 1/3 are from poly. Up to 80% of SIT students are poly graduates.



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Education & Career Guidance Counsellor

Ms Grace

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ECG Appointment Booking Form:

go.gov.sg/pssecg



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