Welcome

I am Dr. Sujit Dutta
I am the Course Chairfor the Diploma
in Biomedical Science
You can find me at:

- 6460-8621
- Sujit_Dutta@np.edu.sg



Overview of Course Briefing

- Who are my lecturers
- Who are my Advisors
- Class grouping
- What will I Study?
- Curriculum Structure
- Preparing for the Semester
- How GPA Works
- Campus Safety



Who are my lecturers?



Dr. New Jen Yan



Dr. Choy Weng Keong Dr. Geeta Bansal





Dr. Teoh Kim Tat



Dr. Lee Kim Sung David



Dr. Chew Joon Lin



Dr. Eddie Ong



Dr. Huang Yinyi



Dr. Wayne Forday



Dr. Lau Quek Choon

Who are my lecturers?



Dr. Teoh Chun Ming



Dr. Timothy Tan Hoe Peng



Dr. Toh Soo Ting

Who is my Advisor/Mentor?

- Every student (class) is assigned a mentor/advisor, and he or she is a lecturer at LSCT
- Your Advisor will guide you as part of Education & Career Guidance (ECG) in NP
- Main point of contact for help, information or advice.
- Pastoral care hour programme (PASCARE)



Dr. Toh Soo Ting

1MO1



Dr. Chew Joon Lin

Who do I contact if i need help with the module I'm studying?

- Every module is led by a lead lecturer known as the Module Leader (ML)
- Some modules are co-taught by multiple lecturers, known as tutors
- For module-related matters, please check with your ML or tutor.

Class grouping and modules

Level 1.1 (1M01)

Advisor: Dr. Toh Soo Ting

Cell Biology

Inorganic and Physical Chemistry

Mathematics

Biosafety & Risk Management

Career & Professional Preparation 1

Innovation Made Possible

Level 1.2 (1M02)

Advisor: Dr. Chew Joon Lin

Microbiology

Organic & Biological Chemistry

Anatomy & Physiology

Biostatistics

Career & Professional Preparation 1

Health & Wellness

Confident Communication: Find Your

Voice (VOICE)

Curriculum Structure

Curriculum Structure



Establishing strong fundamentals

FLECTIVES

FOOD SCIENCE & TECHNOLOGY FOOD PROCESSING & SAFETY BIOMANUFACTURING PRACTICES BIOPHARMACEUTICAL ANALYSIS

Deepen and broaden with

application of fundamentals



Real World Learning Year Three



ONE-YEAR INTEGRATED CLINICAL TRAINING PROGRAMME (20 students*)

Integrative module I & II
Project ID: Connecting the Dots



APPLIED BIOMEDICAL SCIENCE

TRACK (75 students*)
Internship (22 weeks)
Capstone Project (in-house/
Industry Project)
ABS Modules

Project ID: Connecting the Dots

Integrated Clinical Training Programme

Integrated Clinical Training Programme (ICTP)

In collaboration with



Singapore General Hospital SingHealth For students with a strong aptitude for and inclination towards clinical science

Content that meets the needs of industry

Technical skills and competencies for specific career pathways

Co-assessed with SGH

LSCT covers knowledge that complements hands-on training at SGH*

1 year training

20 students intake

4 days/week SGH1 day / week LSCT

Integrated Clinical Training Programme

Entry Positions	ICTP Training Areas			
Research Technologist	Translational Research	Transforms scientific discoveries from lab to treatments to medical care		
Associate Research Coordinator	Clinical Trials	Explore safety and efficacy of novel treatments, drugs or medical devices		
Lab Technologist	Clinical Diagnostics	Process specimens, perform lab test and carry out specialized investigations of patients samples		
Associate Data Analyst	Health Services Research	Conduct data analysis, provide evidence and tools to support healthcare operations and research		
Associate Clinical Innovation Engineer	Clinical Innovation	Provide support for clinical innovation projects from concept generation to prototyping, development and testing		

Applied Biomedical Science Track

APPLIED BIOMEDICAL SCIENCE (ABS) TRACK









Real World Learning

Year Three

Industry OR In-house Capstone Project



OR

Internship-linked Capstone Project (1 year)

6 Month Internship

- local or overseas research institute
- biopharmaceutical & pharmaceutical companies
- healthcare institutes

Applied Biomedical Science Track

APPLIED BIOMEDICAL SCIENCE (ABS) TRACK

CAPSTONE PROJECT/ INTERNSHIP



































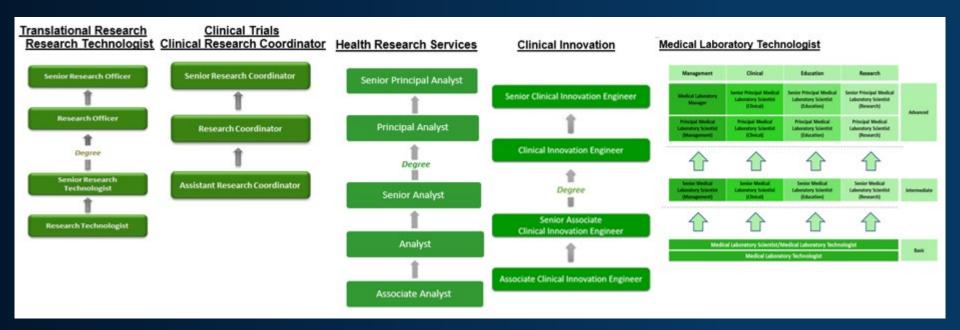






Official (Closed) - Non Sensitive

After Graduation: Workforce (ICTP)



After Graduation: Workforce (ICTP & ABS)





Research & Development



Food Manufacturing





3 Analytical Services



After Graduation: Higher Education

Further education (Local)

NUS Degree Courses

Dentistry

Medicine

Science (Life Sciences, Chemistry, Pharmacy)

NTU Degree Courses

Bioengineering

Biological Sciences

Biomedical Sciences & Chinese Medicine etc.

SIT Degree Courses

Diagnostic Radiography

Physiotherapy

Occupational Therapy

Radiation Therapy

Food and Human Nutrition

Pharmaceutical Engineering

Further education (Overseas)

Australia

- Australian National University
- Murdoch University
- Queensland University of Technology
- RMIT University
- The University of Adelaide
- The University of Melbourne
- The University of Queensland
- The University of Sydney
- The University of Western Australia
- University of New South Wales
- University of Technology Sydney

New Zealand

- The University of Auckland

United Kingdom

- Queen's University Belfast
- University of Dundee
- University of Leeds
- University of Liverpool
- The University of Edinburgh
- The University of Manchester

Types of Modules

Some modules are examinable

- Final Examination 40%
- Continuous Assessments 60%
 - Common Test
 - Quizzes
 - Projects
 - Practical reports

Some modules are non-examinable (CA modules)

- ■No Examination!!
- Continuous Assessments

Preparing for the Semester

Looking Forward: Preparing for Week One Academic Calendar

April 2024 Semester 1	
Teaching Weeks	15 Apr 2024 to 9 Jun 2024
Break	10 Jun 2024 to 23 Jun 2024
Teaching Weeks	24 Jun 2024 to 11 Aug 2024
Study & Examination Weeks	12 Aug 2024 to 25 Aug 2024
Vacation	26 Aug 2024 to 13 Oct 2024

October 2024 Semester 2					
Teaching Weeks	14 Oct 2024 to 15 Dec 2024				
Break	16 Dec 2024 to 5 Jan 2025				
Teaching Weeks	6 Jan 2025 to 16 Feb 2025				
Study & Examination Weeks	17 Feb 2025 to 2 Mar 2025				
Vacation	3 Mar 2025 to 20 Apr 2025				

Looking Forward: Preparing for Week One

Where can I get info on Notebook Models & Purchase?

You can find recommendations, notebook models, FAQs, brochures and more in the link below:

http://www.np.edu.sg/notebook



Where do I install software for my course?

Go to Software & IT Assist Portal from the link below:

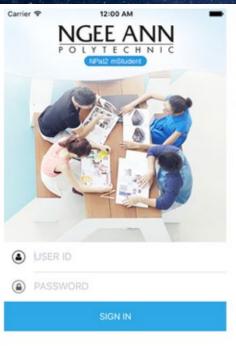
http://www.np.edu.sg/software



Preparing for Week One

Check your timetable onmStudent App or NPalStudent Portal

NPal Student: https://npalstudent.np.edu.sg



You can now access some of these essential e-Services at your fingertips!

- View your daily and semestral class timetables
- Download your class timetable to your calendar on your mobile phone
- View your exam timetable
- View your common test timetable
- View your exam results

For iOS devices:





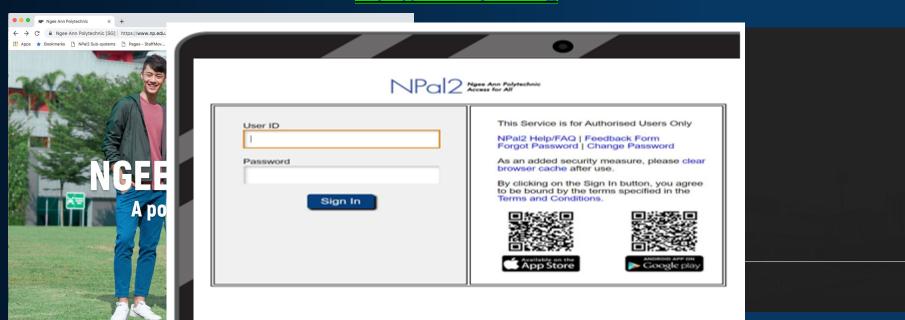
For Android devices:



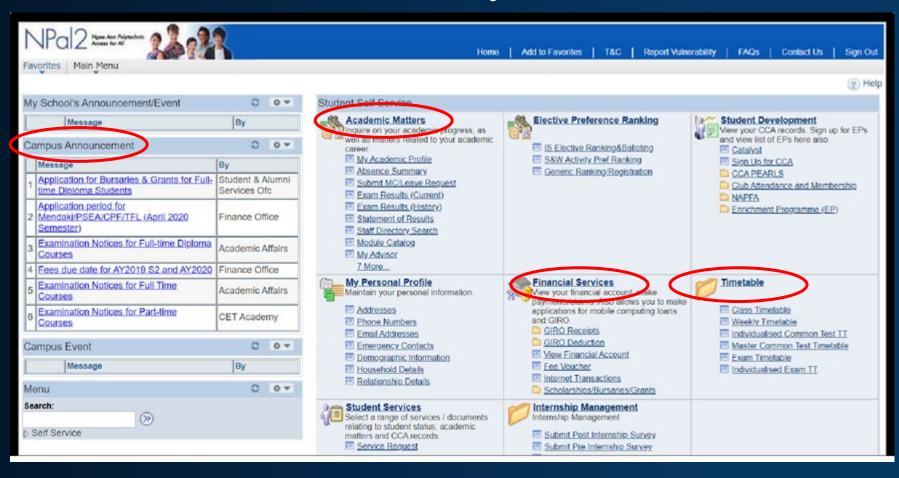


How do I find my Timetable?

https://www.np.edu.sg



How do I find my Timetable?



Timetable – to guide your learning





1	Module	Required hours per week	Lecturer	Class
1	BMS 10IPC	2	TEOH CHUN MING	L01
2	BMS 1CBGN	1	ONG HON EDDIE	L01
3	BMS 18SRMT	1	HUANG YINYI	L01

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
MADDIS							
9:00AM	BMS 11MATH 51-04-000B			8MS 10IPC 83-07-0003 TEOH KIM TAT P01 BMS 10IPC 83-07-0004 CHEE-WONG			
LO:00AM	TBA TO1			POH CHEE, CLARA – PO1 BANSAL GEETA PO1 TANG PUAY PENG PO1			Mathematics nronous <u>L</u> ectures
11:00AM				BMS 1PCH1 51-04-000A TEOH KIM TAT P01			
12:00PM				BMS 10IPC 51-04-000A TEOH CHUN MING TO1			
1:00PM	BMS 61CPP1 51-04-000B	BMS 11MATH 51-04-000B TBA L01					

How To Read Your Timetable

Module code:
11MATH stands
for Mathematics

4:00PM

Your course (BMS)

LOCATION (IMPORTANT) 51-04-000B

Blk 51, 4th Floor, Room 000B

Name of lecturer

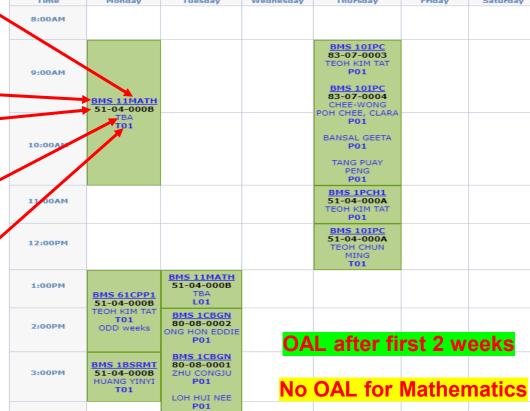
L - Lecture

T - Tutorial

P - Practical

01 - class/group





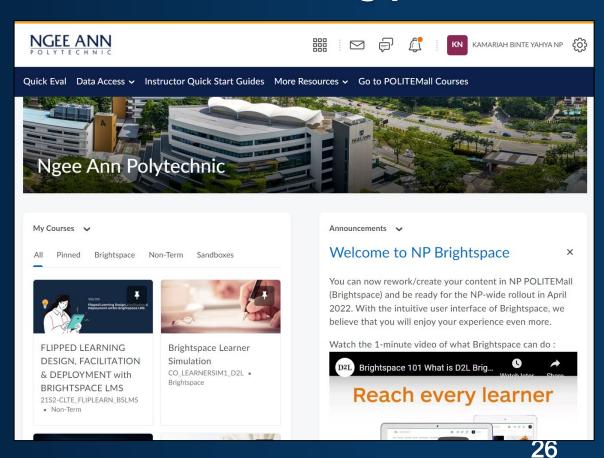
TANG PUAY PENG P01

Bright Space is NP's official learning platform

Bright Space is NP's official learning platform

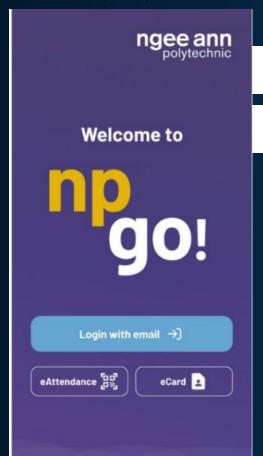
https://nplms.polite.edu.sg/d2 l/home

Your lecturers will post your weekly lesson plan, module documents & assignments, lab manual on Bright Space



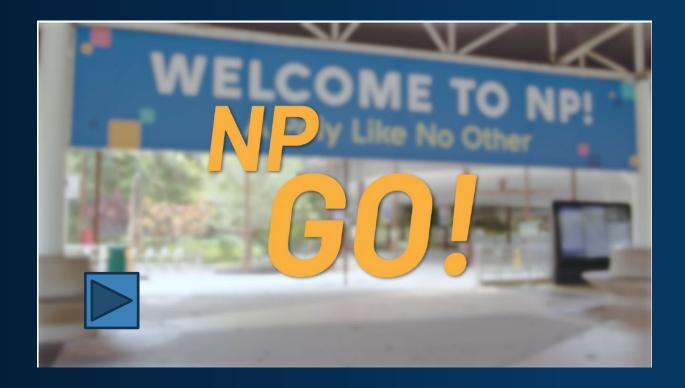
ATTENDANCE, PUNCTUALITY & GRADE CAP POLICY

For PFP and Year 1 Freshmen





Search on
Apple or
Google Play
store



ATTENDANCE POLICY

Attendance is a key factor in your academic progress. Regular attendance correlates with better results.

- Must meet minimum 70% overall attendance for lectures, tutorials & practicals
- Only <u>valid reasons</u> are accepted for absence from class
- Submit reasons with supporting proofs within two (2) working days
- 1st warning given when attendance falls to 80%
- 2nd and final warning when attendance falls to 73%
- Grade cap kicks in automatically when attendance rate falls below 70%

PUNCTUALITY POLICY

No grace period for attendance-taking in classes

Late without valid reasons will be marked "Absent"

- Being punctual shows respect for others and maximises lesson time for all.
- Be self-responsible in attending classes regularly and punctually.
- Cultivate good habits that will serve you well in life.

GRADE CAP POLICY - 4 THINGS TO KNOW

1	Attendance required	Minimum 70% overall attendance
2	Grade Cap	If you pass the module and do not meet the minimum attendance requirement, your module grade will be <u>capped at the passing grade:</u> - "D" grade for examinable and continuous assessment modules - "PX" grade for modules graded Pass/ Pass with Merit
3	Reasons for absence	Only valid reasons are accepted. Submit them within two (2) working days.
4	Notifications on low attendance	Maximum 2 warnings will be sent to you and your parents/guardians: - 1 st warning when attendance rate falls to 80% - 2 nd and <u>final</u> notification when attendance rate falls to 73% - Grade cap kicks in automatically when attendance rate < 70%

MC (Medical Certificate)

- E-submission of Medical Certificate (MC) / other document online anytime and anywhere via the NPal Student Self Service.
- Students are required to keep their original hardcopy MC/documents for review & submission at a later stage for absence from exam/test/other assessment.

Personalized Learning Programme (PLP)

Personalised Learning Pathway (PLP) Programme

Pair Your Diploma with a Minor to Unlock Possibilities







What is PLP?

Define and own your learning! PLP is NP's signature programme to enable you to pursue your passion and gain in-demand skills. From applied psychology to data analytics, entrepreneurship to sustainability, the 11 PLP Minors and over 50 Learning Units (LUs) cut across diverse disciplines to give you a wide variety of choices.

You can pursue a dedicated pathway or mix and match LUs, which are bite-sized lessons. Take LUs in areas that pique your interest. Or complete 3 distinct LUs to get a Minor. The choice is yours.



Look out for the invitation email in July 2024 to join our PLP Virtual Roadshow. Find out more about PLP viahttps://www.youtube.com/watch?v=tv5mJLi4FJY

Personalised Learning Pathway

Building NP students' career resilience for a brighter future



If you intend to choose ICTP and are aiming for a Minor, you are advised to enroll in your chosen PLP modules in year 1 (October semester). This is because ICTP is a one year programme and you will not be able to attend any learning units. Similarly you are advised to part in any trips (YEP/OIP, etc).

Grading Sytem

Grading System

Grade Point Average (GPA)

- Maximum is 4.0
- Measure of academic standing of a student
- GPA is calculated based on the raded modulestaken in that semester.
- If a module is ofhigher credit units (more no. of hours per week), then it has abigger impact on the GPA
- All the modules from year 1 are counted in the computation ocumulative GPA

How GPA Works

Grades	Description	Grade Point	Criteria
AD	Distinction	4.0	Top 5%
A+	Excellent	4.0	> 85%
A			80 - 84%
B+	Very Good	3.5	75 - 79%
В		3.0	70 - 74%
C+	Good	2.5	65 - 69%
С		2.0	60 - 64%
D+	Pass	1.5	55 - 59%
D		1.0	50 - 54%
F	Fail	1	0 - 49%
PX	Pass	-	Pass for modules graded as "Pass or Fail"

How GPA Works

- GPA = Grade Point Average
- Calculated based on graded modules taken in the semester
- Current GPA vs. Cumulative GPA

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Current GPA = Sum of (Credit Units x Grade Points)

Total credit units for graded modules in the current semester
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How GPA Works (example)

Module	Credit Unit	Grade	Grade points	Credit point X Grade points
Module A	4	AD	4	16
Module B	5	Α	4	20
Module C	5	В	3	15
Module D	4	C+	2.5	10
Module E	2	F	0	0
Module F	3	PX	0	0
Total Credit Units enrolled	23			
Less credit units of non- graded module (Module F)	3	тс	DTAL	61
Total credit units earned	20			Sum of (Credit Units X Grade P

Grade	Grade Point	
AD	4.0	
A+	4.0	
A	4.0	
B+	3.5	
В	3.0	
C+	2.5	
С	2.0	
D+	1.5	
D	1.0	
F	0.0	

for the semster

Current GPA =

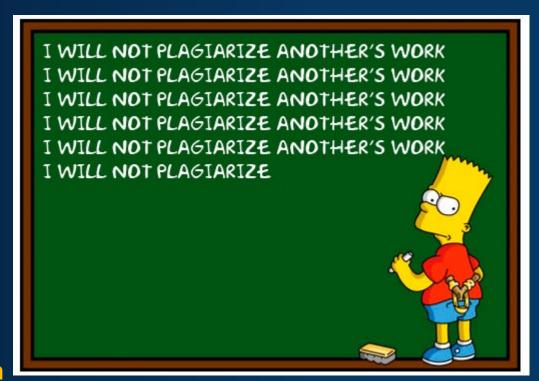
Sum of (Credit Units X Grade Points)

Total current semester credit units (graded modules)

$$= \frac{16 + 20 + 15 + 10 + 0}{4 + 5 + 5 + 4 + 2} = 3.05$$

Do not PLAGIARIZE!

- Online Plagiarism Module (compulsory)
- ▶ Plagiarism Quiz
- ▶ Plagiarism Declaration
- ▶NP Plagiarism rule:
 - First offence zero marks
 - ►Second offense Fail module
 - ►Third offense Dismissal from Poly



https://www.planproponent.com/wp-content/uploads/sites/829/2021/12/bart-simpson-plagiarize.png

Campus Safety



Campus Security





Caution, Care & Consent

Joining a CCA, Society or Interest Group is an exciting and enriching experience.

You may be invited to other social activities at external sports and cultural venues, going to the movies, parties, chalets and others, which are not under the purview of NP and not supervised by NP staff.

When in doubt, always approach the Advisor in charge for clarity if the activity is approved by NP or otherwise.



Caution

If you decide to participate in an activity that is not NP-approved, please consider the following:



Ensure that the activities are safe physically, mentally and emotionally.

Your participation is a personal choice and this choice is to be made voluntarily.



Be responsible for your actions, decisions and choices.



Care

Ensure that your behaviour reflects your personal and NP values.

Look out for the safety and well-being of one another.

Leave and/or seek help if you feel uncomfortable and unsafe at any time.





Consent



You should not be forced or unduly influenced to agree to all or any part of the activity.

Consult your parents and guardians for advice or permission to participate.



Caution, Care & Consent

If you feel that the activity is unsafe, inappropriate or compromises NP's Student Code of Conduct, stop the activity if you can, leave the venue and/or report the matter to:



- Advisor
- Any NP Staff that you trust

If you need to talk to someone, contact NP Student Crisis Helpline: 6460 6777



Whistleblowing:

https://www.np.edu.sg/about

-np/contact/tell

-np

Other Matters

Important Reminders

- Check your NP Emailonce a day for messages and updates from the School
- Check Brightspacefor module instructions, lecture slides etc this week.

Bridging Courses for new students (Optional)

- We have prepared bridging courses on basic biology and chemistry to provide some foundation for students who have not studied these subjects.
 - Date: Friday 12 April 2024
 - Time: 9 am 11 am (Biology) & 1 pm 3 pm (Chemistry)
 - Venue: Lecture Theatre 51 H
- Kindly register by April 8, 2024, if you wish to participate in the bridging courses.
- For any queries on the bridging courses, please contact Dr Toh Soo Ting (TOH_Soo_Ting@np.edu.sg)

Buying of Lab Coats and Safety Goggles

- It is mandatory for all students to wear lab coats and safety goggles when working in LSCT laboratories.
- For those who do not possess lab coats and safety goggles, you can easily order and pay using PAYNOW through our convenient online form.
- Detailed information regarding sizing for lab coats and goggles is provided within the form for your convenience. Please ensure that your order is submitted by March 29, 2024, to guarantee timely processing.
- If you already own lab coats and safety goggles that meet our requirements, there is no need to purchase new ones.
- · Collection of lab coats and goggles will be facilitated during the upcoming orientation programme for your convenience.
- Should you have any questions or require further assistance regarding lab coats and safety goggles, please do not hesitate to reach out to Dr. Eddie Ong (Eddie_ONG@np.edu.sg)



https://for.edu.sg/lsctfop24

Survey for BMS