Course Mapping Guide

Start

Conduct proper and thorough research on the courses offered by the partner universities

Are there previously mapped courses available?

Yes → Proceed to submit course mapping request in EduRec

No → - Do a search on NUSMods for any similar courses and compare NUS syllabus with PU's syllabus

Similar NUS course available?

Yes → Submit course mapping request in EduRec to the NUS course code

No → PU course is related to which NUS discipline?

Many departments have dummy exchange enrichment courses

Submit course mapping request in EduRec

Mapping request will be reviewed by respective course host department
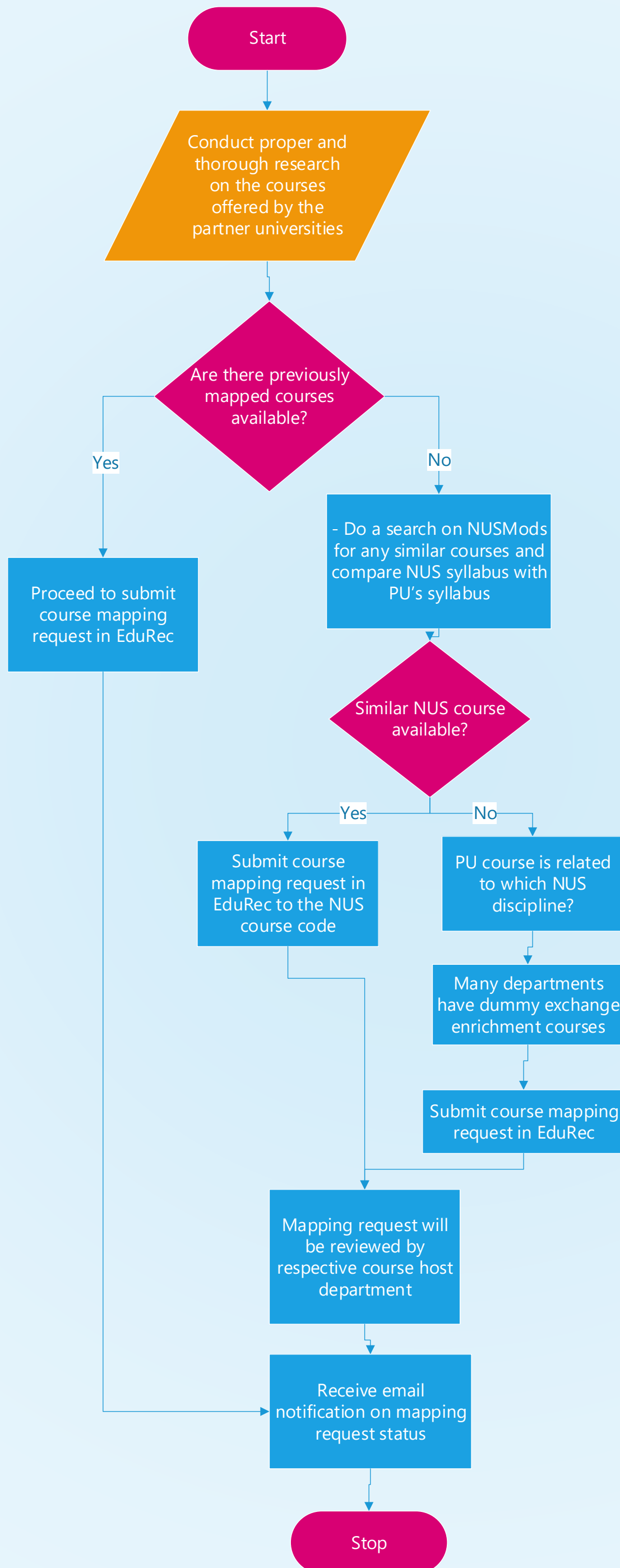
Receive email notification on mapping request status

Stop

Note 1: General guideline for mapping to existing NUS courses
A) Subject content of the SEP and NUS course has a similarity of ≥ 70%
B) Each 4 units NUS course will require ~130 hours of effort

Note 2:
Take note of course mapping restrictions as outlined in the 'General Instructions on Course Mapping' section below

Note 3:
There is **no generic NUS Dummy course code**.

Note 4:
The decision to approve or reject your proposed course mapping rests with the Department SEP Coordinators and **their decision is final**. The approval process will take at **least 2 – 3 weeks**.

General Instructions on Course Mapping

Cohort AY2020/2021 and before

1. Conduct proper and thorough research on the courses offered by the undergraduate student exchange partner universities (PUs).
   - A list of the partner universities' courses mapped successfully in the immediate past academic year is made available on NUS Science website. Students are to note that this list is **ONLY FOR REFERENCE** and does not constitute a blanket approval for all the courses on the list.

2. Do a search on NUSMods for any similar courses and compare NUS syllabus with PU's syllabus. Do take the advice of the Department SEP Coordinator and Course Coordinators constructively and likewise for faculties/committees/professors who have responded to your queries for course mapping. The decision to approve or reject your proposed course mapping rests with the Department SEP Coordinators and their decision is final.

3. All course mapping requests are to be submitted via EduRec. Please refer to the Course Mapping Guide for instructions. Please do not submit multiple request for the same course. If you do not know what to map to, request for the most desired first. Ensure that information such as topics covered, reading list, course objectives etc. are included in your mapping request in order for the departments to review. Please check the mapping worksheet for comments, even if it is approved as there might be conditions to it or it might be approved to another course level.

4. Academic workload while on SEP should be identical to a regular NUS semester i.e. students are expected to transfer a normal workload of 20 units per semester of 13 weeks (for information about the expected workload, refer to Unit Ratio). There is no restriction on the number of courses (or percentage) that should be taken to fulfil the programme (major and faculty) requirement. Students are however reminded of the NUS' residency requirement stipulated on the Registrar's Office website. In addition, students should note that there is a restriction to the number of units from SEP/SUSEP or summer/winter programmes which they can transfer to fulfil their primary major/ 2nd major/minor.

5. In general, course mapping will be approved when the following conditions are met:

   a) Subject content of the PU course and NUS course has a similarity of ≥ 70%, and
   b) As a general guide, each 4-unit NUS course will require ~130 hours of effort.
   c) You have read and passed the pre-requisite to the NUS course you are mapping to.

   The final decision will lie with the Department SEP Coordinators for department courses.

6. Assignment of units will be based on a combination of course content, official and informal contact hours, and average workload of students at the respective partner university.

7. Mapping of one partner university course to two NUS courses (and vice versa) is permitted. However, mapping of one partner university course to two NUS courses across two major programmes or vice versa is not allowed, e.g. mapping of course A from partner university X to LSM1301 and CM1401 is not allowed.

8. Dummy course codes may be used when there are no similar courses but related to a discipline in NUS. The first digit indicates the course level. Dummy courses will not be eligible as pre-requisite for NUS courses. There is **no generic NUS Dummy course code**. Students should try to map the course to the closest matching NUS department dummy course code. **FASS**: There are dummy codes in every FASS major, which can be identified by a 7 in the second digit e.g. PS2**7**41. **FOS**: There are dummy codes in every Science major, except for Data Science & Analytics major and Data Science & Economics Cross-Disciplinary Programme. Dummy codes are in the format x99x e.g. FST1991, PR2991.

9. Onus is on students to initiate credit transfer upon return from overseas programmes. The Faculty will not be responsible for any failure to transfer the credits that you have earned at partner university.

10. **Dummy Courses to Fulfil Major Requirements**

    Except for students majoring in Pharmacy, Computational Biology, and Data Science and Analytics, all Science undergraduate students are allowed to map **ONE** 4-unit major-coded dummy course (i.e. xx3991 or xx4991) to fulfil major requirements. This dummy course must be an elective course, not an essential (compulsory) course, within the major requirements.

    For example, CM major can map only ONE CM3991 <u>or</u> ONE CM4991 to fulfil his/her Level 3000 or Level 4000 major requirements. Appeal to map more than one major-coded dummy course to fulfil major requirements will not be considered.

Programme	Exchange Enrichment Course
Biological Sciences	LSM3991
Chemistry	CM3991 or CM4991
Environmental Studies (Biology)	To check with BES Administrator.
Food Science and Technology	FST3991 or FST4991
Mathematics	MA3991 or MA4991
Pharmaceutical Sciences	PHS3991
Physics	PC3991 or PC4991
Quantitative Finance	QF3991 or QF4991
Statistics	ST3991 or ST4991

    When two (2) of the above major-coded dummy courses are mapped, the second course onwards will be counted towards Unrestricted Electives (UEs). Mapping of all other major-coded dummy courses not listed above will be counted towards Unrestricted Electives (UEs).

11. **Life Sciences Courses**

    It is not required to have read and pass the pre-requisite NUS course to map the higher-level course. However, students should note that if they intend to read the higher-level NUS course after returning from the study abroad programme, without having read and pass the pre-requisite NUS course, they will face problems during CourseReg as they have not fulfilled the pre-requisite.

12. **Data Science Courses**
    - DSA2101 and DSA3101 are not mappable on all study abroad programmes
    - DSA1101 may not be mapped to winter or summer school overseas courses

13. **Chemistry Courses**
    - The mapping requirement for NUS level-3000 chemistry "essential" courses (including CM3111, CM3121, CM3131, CM3141, CM3191 and CM3192) will be more demanding (> 80% similarity in syllabus with the same standard) than the chemistry electives courses offered in NUS level-3000 and above

14. **Mathematics Courses**
    - MA4291 and MA4292 are not mappable on study abroad programmes

15. **Special Programme in Science (SPS) courses**: Mapping is not allowed.

16. **UROPS courses for Research Conducted at Partner University during SEP:**

Types of Research	Proposed actions
Research without official course code	Not allowed to map back to any course in NUS.
Research course in the Partner University (with course code and/or title and reflected in student's transcript upon successful completion)	- Student may check with their department whether the research course can be mapped to the department's UROPS course code. Provide the department with: i. the project details, ii. duration of project, and iii. assessment components. - If mapping to UROPS is approved, only credits will be transferred. - If mapping to UROPS is not approved, mapping to a Science dummy course (SX code) may be considered. - Mapping request will not be considered simply because the student has completed the research stint at the partner university.

Restrictions/Additional Instructions for Course Mapping

17. <u>**General Education Courses (GEMs)**</u>: Students admitted from AY15/16 onwards, are not allowed to map courses read at the partner university while on Student Exchange Programme/Summer/Winter Programme as GEMs to fulfil the GE requirement. Students admitted before AY15/16, please refer to the Registrar's Office website for details.

18. **Mapping of College of Humanities and Sciences Common Curriculum courses** (for unrestricted elective)
    - CHS courses are uniquely created in NUS and in general will be difficult to map

Pillar	Courses	Remarks
Writing	FAS1101, SP1541, SP2271	Cannot map
Data Literacy	GEA1000, BT1101	Possible to map
Digital Literacy	GEI1001, GEI1002, NM2207, CS1010x, CS1101S, COS1000, CM3267, LSM2302, SP2273	Possible to map (Except for SP2273)
Design Thinking	DTK1234	Cannot map
Artificial Intelligence	HS1501, IT1244, CS2109S	HS1501: Cannot map IT1244: Possible to map CS2109S: Check with SOC
Communities and Engagement	GEN	Possible to map
Integrated Asian Studies	HSA1000	Cannot map
Integrated Social Sciences	HSS1000	Cannot map
Integrated Humanities	HSH1000	Cannot map
Scientific Inquiry 1	HSI1000	Cannot map
Scientific Inquiry 2	HSI20xx	Cannot map
Interdisciplinary Course 1 & 2	HS29xx	Cannot map

19. **FASS Courses**: Refer to FASS for details on mapping restrictions

20. **Language Courses:** Refer to CLS for information.

21. **Business Courses:** NUS Business School does not assign dummy course codes. Students may only request for mapping of NUS equivalent courses offered by the NUS Business School. For mapping of BIZ courses not found on the Course Mapping list in EduRec, please refer to BIZ for more details and instructions.

22. **Music Courses:** Yong Siew Toh Conservatory does not assign dummy course codes. Students may only request for mapping of NUS equivalent courses offered by the Yong Siew Toh Conservatory.

To search for a department's dummy exchange course in the course mapping worksheet in EduRec

1) Key in 'Course Subject Area'

2) Click on the magnifying glass
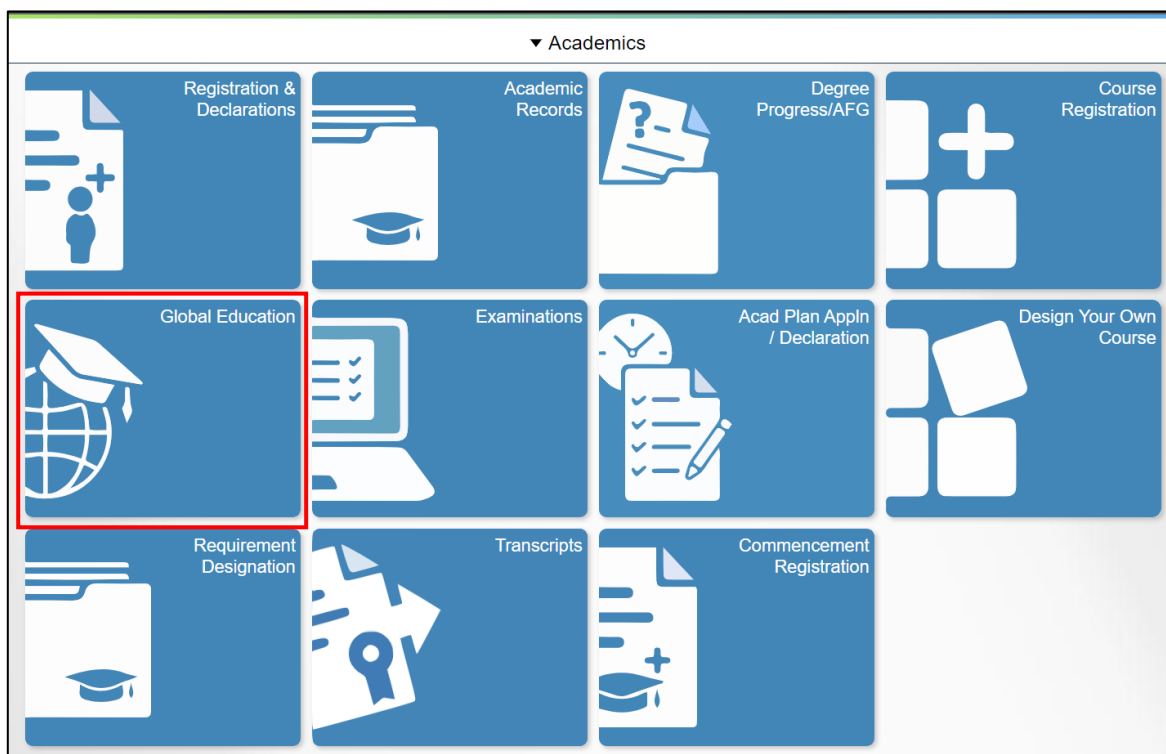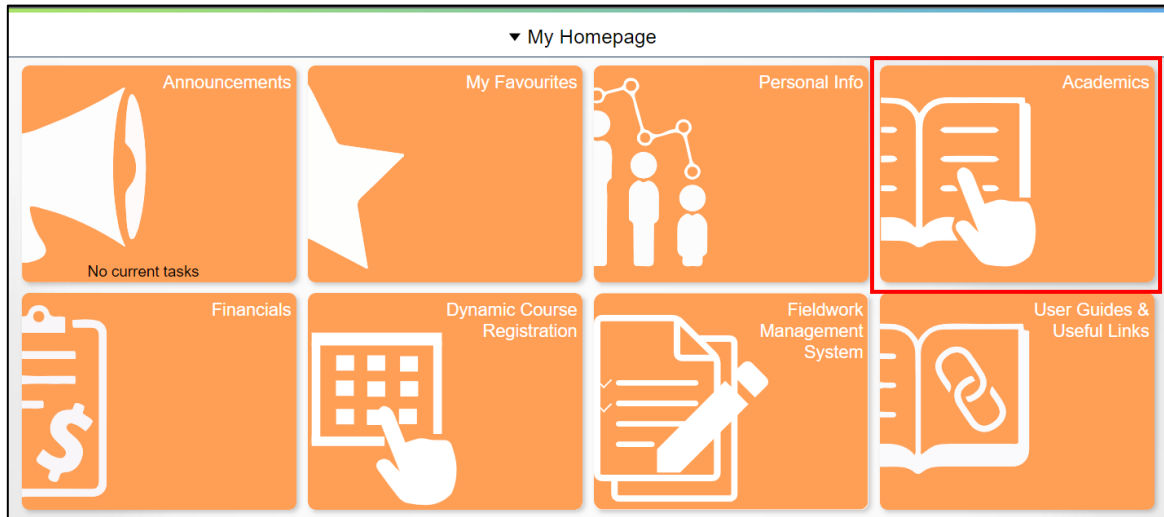

3) Select the course code based on the number of units that you would like to map to.
   Different department has different course code, hence look at the course description as shown below.
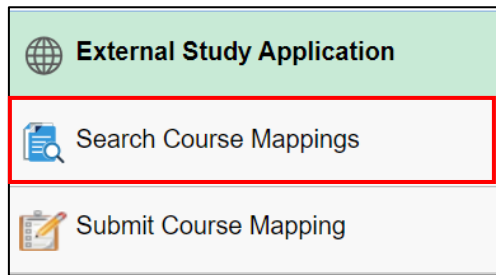
To Search Course Mappings in EduRec

1. Navigate to *My Homepage > Academics > Global Education*.

2. If you wish to search for suitable course mappings for reference, select '**Search Course Mappings**' on the left-hand menu.

3. Select the Faculty and Partner University you would like to see the course mappings using the 🔍 button:

Search Course Mappings

For specific search, please provide the search parameters below before clicking on 'Fetch Mappings' button .

Faculty: 010 🔍 Faculty of Science

Partner University: E0000001200 🔍 King's College London

FETCH MAPPINGS

Partner University to NUS Course Mappings													
Faculty	Partner University	PU Course 1	PU Course 1 Title	PU Crse1 Units	PU Course 2	PU Course 2 Title	PU Crse2 Units	NUS Course 1	NUS Course 1 Title	NUS Crse1 Units	NUS Course 2	NUS Course 2 Title	NUS Crse2 Units	Pre Approved?
Faculty of Science	King's College London	4BBY1030	Cell Biology and Neuroscience	15.00				LSM3991	Exchange Enrichment Course	4.00				☑
Faculty of Science	King's College London	4CCP1905	Introduction to Modern Physics	15.00				PC1144		4.00				☑
Faculty of Science	King's College London	4CCYB050	Physics for Biomedical Engineering	15.00				PC1432	Physics IIE	4.00				☑
Faculty of Science	King's College London	4ZSS0160	Healthcare & Technology	4.00				LSM2996	Exchange Enrichment Course	2.00				☑
Faculty of Science	King's College London	4ZSS0166	Crime Scene & Forensic Science	7.50				LSM1306		4.00				☑
Faculty of Science	King's College London	4ZSS0167	Human Anatomy & Physiology	7.50				LSM2212	Human Anatomy	4.00				☑
Faculty of Science	King's College London	5AAN5001	Neuroscience and the Mind	15.00				LSM3991	Exchange Enrichment Course	4.00				☑
Faculty of Science	King's College London	5BBA2076	Emergence of Vertebrate Form and Function	15.00				LSM3991	Exchange Enrichment Course	4.00				☑