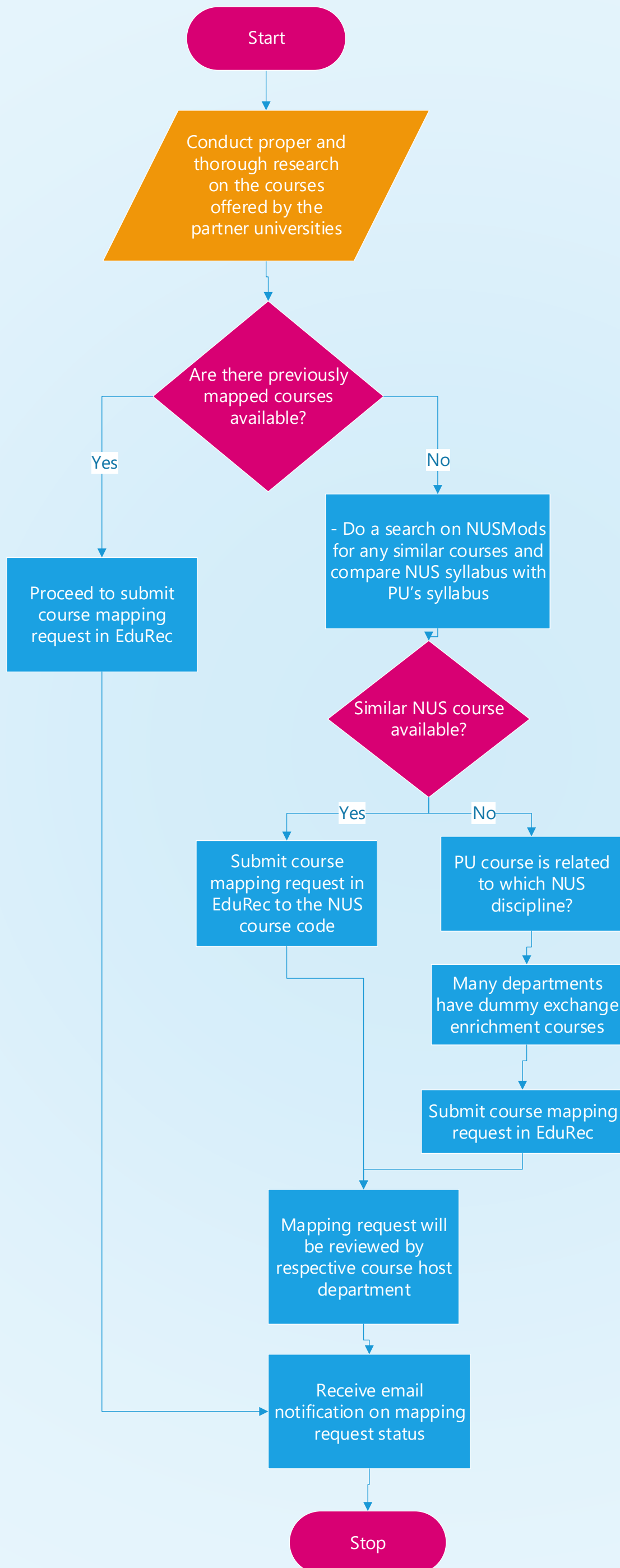


# Course Mapping Guide



**Note 1:** General guideline for mapping to existing NUS courses  
A) Subject content of the SEP and NUS course has a similarity of  $\geq 70\%$   
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 AY2021/2022 and after**

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  $\geq 70\%$ , 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. 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. PS2741. **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.
7. 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.

### Instructions for Science Primary/ Second Majors and minor

1. 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.
2. 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. As a general guide, each 4-unit NUS course will require ~130 hours of effort.
3. Science undergraduate students from the below Science majors are allowed to map **ONE** of the below major-coded dummy course to fulfil major requirements. This dummy course must be an elective course, not an essential (compulsory) course, within the major requirements.

| Programme                 | Exchange Enrichment Course        |
|---------------------------|-----------------------------------|
| Biological Sciences       | LSM3991 or LSM4991                |
| Chemistry                 | CM3991 or CM4991                  |
| Environmental Studies XDP | ENV2991 or ENV3991 or ENV4991     |
| Food Science & Technology | FST4991 (for specialisation only) |
| Pharmaceutical Sciences   | PHS4991                           |
| Physics                   | PC3991 or PC4991                  |

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).

#### **4. 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.

#### **5. Data Science Courses**

- DSA2101 and DSA3101 are not mappable on study abroad programmes
- DSA1101 may not be mapped to winter or summer school overseas courses

#### **6. Data Science and Economics XDP Courses**

- DSE3101 is not mappable on study abroad programmes

#### **7. Chemistry Courses**

- All NUS level-1000 and level-2000 chemistry courses, CM1102, CM2112, CM2122, CM2133 and CM2143 are NOT allowed to be mapped
- 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
- For chemistry-major, course mapping to NUS level-5000 chemistry course will NOT be counted into graduation requirement. (For details, refer [here](#).)

8. **Special Programme in Science (SPS) Courses** – SP2271, SP2273, SP2274, SP3172, SP3176, SP3275: Mapping is not allowed.
9. **UROPS courses for Research Conducted at Partner University during SEP:**

| Types of Research  | Proposed actions  |
|--|---|
| Research <u>without</u> 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) | <ul style="list-style-type: none"> <li>• Student may check with their department whether the research course can be mapped to the department's UROPS course code. Provide the department with: <ul style="list-style-type: none"> <li>i. the project details,</li> <li>ii. duration of project, and</li> <li>iii. assessment components.</li> </ul> </li> <li>• If mapping to UROPS is approved, only credits will be transferred.</li> <li>• If mapping to UROPS is not approved, mapping to a Science dummy module (SX code) may be considered.</li> <li>• Mapping request will not be considered simply because the student has completed the research stint at the partner university.</li> </ul> |

#### **Instructions for Arts Primary/ Second Majors and minor**

1. Use only one-to-one mapping of SEP course to NUS course.
2. Assignment of units will be done by the [Unit Ratio](#) based on your total study plan, and not the workload of the course. Units or course codes will not be awarded as per reflected in EduRec even if it is approved if you do not earn enough credits, e.g. 5 ECTS will not be 4 units.
3. If you are using SEP courses to fulfil your major basket/sub-field/region/theme, you will need to check with the department if it can be approved to the respective basket/sub-field/region/theme.
4. Focus on 1-2 degree requirements and within the major, focus on 1 level. E.g. Major (all L3000) or/and UE.
5. Refer to [FASS](#) for details on mapping restrictions

## **Restrictions/Additional Instructions for Course Mapping**

### **10. Mapping of College of Humanities and Sciences Common Curriculum courses**

- Students are strongly encouraged to complete all CHS Common Curriculum courses in their first two years of study except for the Communities and Engagement course and two Interdisciplinary courses.
- CHS courses are uniquely created in NUS and in general will be difficult to map

| <b>Pillar</b>                             | <b>Courses</b>   | <b>Remarks</b>   |
|---|--|--|
| <b>Writing</b>                            | FAS1101, SP1541, SP2271  | Cannot map   |
| <b>Data Literacy</b>                      | GEA1000, BT1101  | Possible to map  |
| <b>Digital Literacy</b>                   | GEI1001, GEI1002, NM2207, CS1010x, CS1101S, COS1000, CM3267, LSM2302, SP2273 | Possible to map<br>(Except for SP2273)                                   |
| <b>Design Thinking</b>                    | DTK1234  | Cannot map   |
| <b>Artificial Intelligence</b>            | HS1501, IT1244, CS2109S  | HS1501: Cannot map<br>IT1244: Possible to map<br>CS2109S: Check with SOC |
| <b>Communities and Engagement</b>         |  | ^Refer to remarks below  |
| <b>Integrated Asian Studies</b>           | HSA1000  | Cannot map   |
| <b>Integrated Social Sciences</b>         | HSS1000  | Cannot map   |
| <b>Integrated Humanities</b>              | HS1000   | Cannot map   |
| <b>Scientific Inquiry 1</b>               | HSI1000  | Cannot map   |
| <b>Scientific Inquiry 2</b>               | HSI20xx  | Cannot map   |
| <b>Interdisciplinary Course 1 &amp; 2</b> | HS29xx   | Cannot map   |

^ Students are advised to read the C&E course/course in NUS as it will be difficult to map from taking overseas courses. For course mapping, the learning objectives of the C&E course needs to be met. For further enquiries, please email to [AskCnE@nus.edu.sg](mailto:AskCnE@nus.edu.sg).

11. **Language Courses:** Refer to [CLS](#) for information.

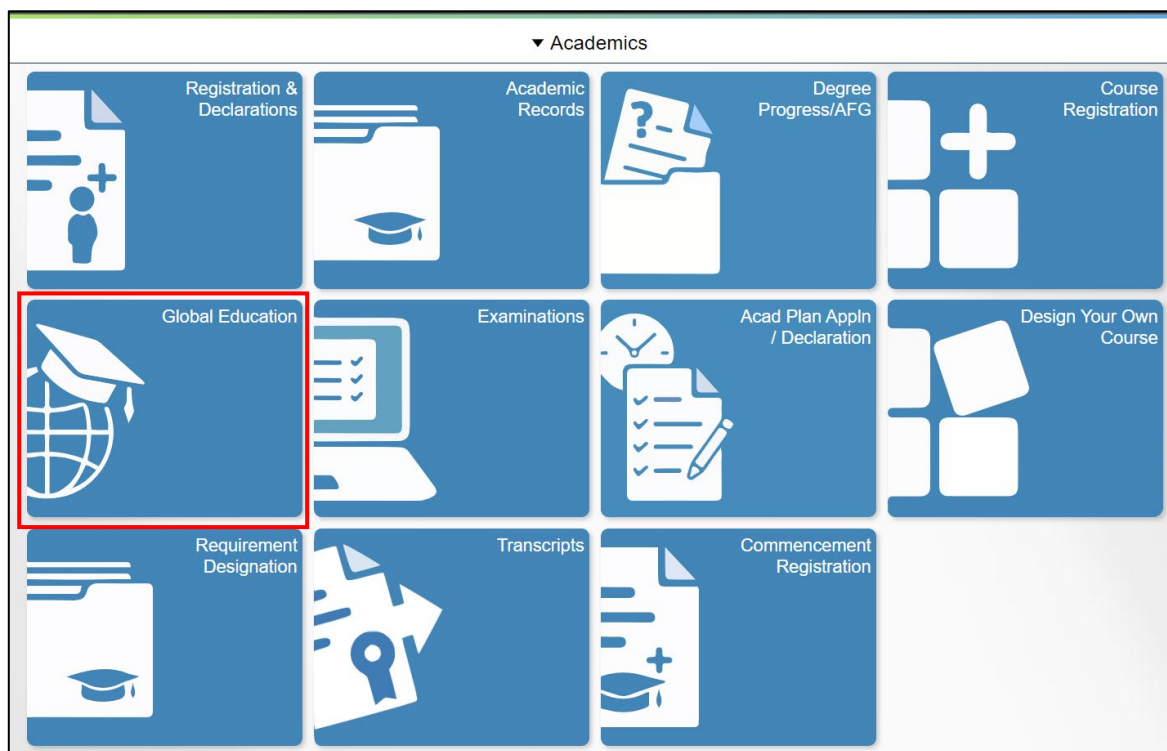
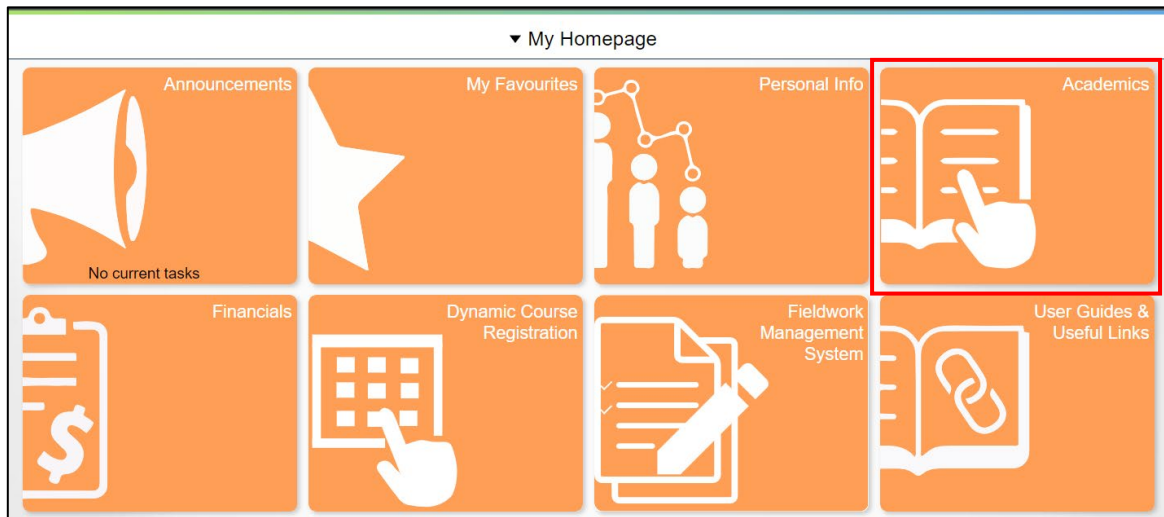
12. **Business Courses:** NUS Business School does not assign dummy course codes. Students may only request for mapping of NUS equivalent courses offered by the NUS Business School. For mapping of BIZ courses not found on the Course Mapping list in EduRec, please refer to [BIZ](#) for more details and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

13. **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.

## Annex A

### 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.

**External Study Application**

**Search Course Mappings**

**Submit Course Mapping**

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

### Look Up Partner University ✕

External Org ID begins with

Search Name contains LONDON

Organization Type begins with 🔍

Look Up
Clear
Cancel
Basic Lookup

#### Search Results

View 100
First ◀ 1-41 of 41 ▶ Last

| External Org ID | Search Name                | Organization Type | Description                    |
|-----------------|----------------------------|-------------------|--------------------------------|
| E0000004524     | BARTSTHELONDONSCHOFMED     | SCHL              | Barts &The London Sch of Med   |
| E0000005883     | BIRKBECKUNIVERSITYOFLONDON | SCHL              | Birkbeck, University of London |
| E0000001181     | CHARTINSTARBITRATORSLONDON | SCHL              | Chart Inst Arbitrators London  |
| E0000002474     | CITYGUILDISOFLONDONINSTIT  | SCHL              | City & Guilds of London Instit |
| E0000001221     | CITYOFLONDONPOLYTECHNIC    | SCHL              | City of London Polytechnic     |
| E0000001263     | CITYUNIVERSITYOFLONDON     | SCHL              | City, University of London     |
| E0000005245     | EASTLONDONNHSFOUNDATIONTRU | OTHR              | East London NHS Foundation Tru |
| E0000004506     | EVELINALONDONCHILDRENSHOSP | OTHR              | Evelina London Children's Hosp |
| E0000002613     | GOLDSMITHSUNIOFLONDON      | SCHL              | Goldsmiths, Uni of London      |
| E0000001172     | IMPERIALCOLLEGELONDON      | SCHL              | Imperial College London        |
| E0000001200     | KINGSCOLLEGELONDON         | SCHL              | King's College London          |

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

Personalize | Find | | First 1-51 of 51 Last

| 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            |              |                    |                 | <input checked="" type="checkbox"/> |
| Faculty of Science | King's College London | 4CCP1905    | Introduction to Modern Physics            | 15.00          |             |                   |                | PC1144       |                            | 4.00            |              |                    |                 | <input checked="" type="checkbox"/> |
| Faculty of Science | King's College London | 4CCY8050    | Physics for Biomedical Engineering        | 15.00          |             |                   |                | PC1432       | Physics IIE                | 4.00            |              |                    |                 | <input checked="" type="checkbox"/> |
| Faculty of Science | King's College London | 4ZSS0160    | Healthcare & Technology                   | 4.00           |             |                   |                | LSM2996      | Exchange Enrichment Course | 2.00            |              |                    |                 | <input checked="" type="checkbox"/> |
| Faculty of Science | King's College London | 4ZSS0166    | Crime Scene & Forensic Science            | 7.50           |             |                   |                | LSM1306      |                            | 4.00            |              |                    |                 | <input checked="" type="checkbox"/> |
| Faculty of Science | King's College London | 4ZSS0167    | Human Anatomy & Physiology                | 7.50           |             |                   |                | LSM2212      | Human Anatomy              | 4.00            |              |                    |                 | <input checked="" type="checkbox"/> |
| Faculty of Science | King's College London | 5AAN5001    | Neuroscience and the Mind                 | 15.00          |             |                   |                | LSM3991      | Exchange Enrichment Course | 4.00            |              |                    |                 | <input checked="" type="checkbox"/> |
| Faculty of Science | King's College London | 5BBA2076    | Emergence of Vertebrate Form and Function | 15.00          |             |                   |                | LSM3991      | Exchange Enrichment Course | 4.00            |              |                    |                 | <input checked="" type="checkbox"/> |



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

- 1) Key in 'Course Subject Area'

NUS Course

**\*Course Subject Area:**

**\*Course Catalog Nbr:**

**Course ID:**

**Offer Nbr:**

**Course Title:**

**Units/Credits:**

- 2) Click on the magnifying glass

NUS Course

**\*Course Subject Area:**

**\*Course Catalog Nbr:**

**Course ID:**

**Offer Nbr:**

**Course Title:**

**Units/Credits:**

- 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.

| Look Up *Course Catalog Nbr |          |   |                            |          |            |
|-----------------------------|----------|---|----------------------------|----------|------------|
| 2991                        | 009860 1 | 4 | Exchange Enrichment Course | Approved | 01001ACAD1 |
| 2992                        | 010719 1 | 4 | Exchange Enrichment Course | Approved | 01001ACAD1 |
| 3991                        | 002056 1 | 4 | Exchange Enrichment Course | Approved | 01001ACAD1 |
| 3992                        | 009970 1 | 4 | Exchange Enrichment Course | Approved | 01001ACAD1 |
| 3993                        | 010676 1 | 4 | Exchange Enrichment Course | Approved | 01001ACAD1 |
| 3994                        | 015994 1 | 2 | Exchange Enrichment Course | Approved | 01001ACAD1 |
| 2723                        | 011845 1 | 2 | Department Exchange Course | Approved | 00104ACAD1 |
| 2731                        | 013492 1 | 3 | Department Exchange Course | Approved | 00104ACAD1 |
| 2741                        | 000858 1 | 4 | Department Exchange Course | Approved | 00104ACAD1 |
| 2742                        | 000859 1 | 4 | Department Exchange Course | Approved | 00104ACAD1 |