

SBS Course Matching Guide

- You may email SBS-Exchange@ntu.edu.sg if you have any doubts or questions.
- Students should have at least a CGPA of **3.3** if they plan to go for GEM Explorer or OSL. Students with lower CGPA can consider GEM Discoverer Summer Studies.
- Students will not be allowed to go for exchange in the semester before their last semester in NTU (Year 4 Semester 1) as they are required to prepare for their FYP/PI (Professional Internship) in that semester.

Basic Principle of Course Matching

- Match a Major PE with a course at the host university, with very similar content (>80%) **OR** a reasonable level Science course that SBS does not offer (***DO NOT** match a Major-PE with any of the courses similar to Core)
- You should clear your **CORE** modules in NTU
- Once you have matched with the Major PE, you will not be allowed to take that module when you return from exchange
- There is no semester restriction to the NTU module that you want to match with. You should plan as such that when you return from exchange, there are enough Major PE choices for you.
- Match a PE with a course at the host university with similar course type (e.g AHSS - AHSS, STS - STS)
- Match a UE with any course from the host university outside your main discipline
- Match up to 4 Major PE + 1 other course type (PE/UE)
- The NTU AU is a measure of the student's workload associated with both class attendance and preparation. For a typical one-semester course, the number of AU is calculated as follows:
 - (a) one hour of lecture/tutorial per week : 1 AU (13 weeks per semester)
 - (b) three hours laboratory/fieldwork per week : 1 AU (13 weeks per semester)

You have to fill up **ALL** the required information on the host university's course information in the OGEM course matching portal before you submit to us for approval. Generally we will based it on the teaching hours and content level to approve / reject the matching applications.

Generally, for ETCS credit systems which are different from NTU AU system where self-reading time is included in the teaching hours, we will use **2 ECTS = 1 NTU AU**.

- Host universities (Generally)
 - in Americas –15 credits (eg 5 courses) converted to 15 AU
 - in Europe – 30 ETCS (eg 3 or 4 courses) converted to 15 AU
 - in UK – 60 Credit points (5 courses) converted to 15 AU
 - in Asia – 15 credits (5 courses) converted to 15 AU
 - in Oceania – 4 or 5 courses (depending on the credit system of the university) converted to 15 AU in NTU

- The recommended number of credits for host universities are fixed irregardless of whether the courses you select are Postgraduate or Undergraduate courses

- Students are only allowed to clear up to 15 AU in GEM -Explorer. We will only accept 5 online course matching records via the course matching system. Please do not submit more than 5 records

- If the host universities are not able to offer you enough credits/courses to read, you are expected to overload when you are back. This means that you will not be able to clear anything below 15 AUs. You are advised to visit the host university's website and make sure you have enough courses for backup

- You will be able to update the OGEM course matching system when you are in your host university. We will approve, as long you follow SBS course matching policies.

Important: Please refer to the below link and read up on your host university

<http://global.ntu.edu.sg/GMP/gemexplorer/BeforeApplying/Pages/BrochuresStudentResources.aspx>

Course Matching Examples

Course Matching (BS)

	SBS semester load	Recommended semester load (host university)	Number of courses to be matched	Number of NTU AU cleared after exchange
Host University A	15 AU (5 course)	15 Credits (5 courses)	5	15 AU

Year 3 Semester 2 (15 AU)	NTU			Host university	Approval by
	BS3001 Neurobiology	Major-PE	3AU	Experimental Techniques for Biology	SBS
	BS4004 Current Topics in Immunology	Major-PE	3AU	Immunobiology	SBS
	BS3021 Bioimaging Techniques in EM	Major-PE	3AU	Imaging techniques	SBS
	Any Major-PE	Major-PE	3AU	Marine Biology	SBS
	Untitled PE	GER-PE/UE	3AU	Business law level 1 or Korean Culture	SBS

Course Matching (BS)

	SBS semester load	Recommended semester load (host university)	Number of courses to be matched	Number of NTU AU cleared after exchange
Host University B	15 AU (5 course)	30 ECTS (4 courses)	5	15 AU

Year 3 Semester 2 (15 AU)	NTU			Host university	Approval by
	BS3001 Neurobiology	Major-PE	3AU	Experimental Techniques for Biology	SBS
BS4004 Current Topics in Immunology	Major-PE	3AU	Immunobiology	SBS	
BS3021 Bioimaging Techniques in EM	Major-PE	3AU	Imaging techniques	SBS	
Any Major-PE	Major-PE	3AU	Marine Biology	SBS	
Untitled PE/UE	GER-PE/UE	3AU	Credit transfer	SBS	

Note, in this case, that the credit transfer will ONLY be given for a elective type course as the maximum of 4 Major-PE has been matched already. For example, if you take 3 Major-PE type course and 1 elective type course in your host university, credit can be transferred towards a PE/UE elective type course, not towards a Major-PE.

*Type "Credit transfer" in the course title for the host university and match to untitled PE/UE

Course Matching (BS + Major/Minor)

	SBS semester load	Recommended semester load (host university)	Number of courses to be matched	Number of NTU AU cleared after exchange
Host University A	15 AU (5 course)	15 Credits (5 courses)	5	15 AU

	NTU		Host university		Approval by
	Course	Requirement	Requirement	Requirement	
Year 3 Semester 2 (15 AU)	BS3001 Neurobiology	Major-PE 3AU	Experimental Techniques for Biology		SBS
	BS4004 Current Topics in Immunology	Major-PE 3AU	Immunobiology		SBS
	BS3021 Bioimaging Techniques in EM	Major-PE 3AU	Imaging techniques		SBS
	Any Major-PE	Major-PE 3AU	Marine Biology		SBS
	HP3002 Positive Psychology (for your Major/Minor)	Major-PE 3AU	Psychology of learning		SHSS

The maximum of Major-PE that can be matched is increased to 5

Course Matching (BS + Major/Minor)

	SBS semester load	Recommended semester load (host university)	Number of courses to be matched	Number of NTU AU cleared after exchange
Host University B	15 AU (5 course)	30 ECTS (4 courses)	5	15 AU

	NTU			Host university	Approval by
	Year 3 Semester 2 (15 AU)	BS3001 Neurobiology	Major-PE	3AU	Experimental Techniques for Biology
BS4004 Current Topics in Immunology		Major-PE	3AU	Immunobiology	SBS
BS3021 Bioimaging Techniques in EM		Major-PE	3AU	Imaging techniques	SBS
Any Major-PE		Major-PE	3AU	Credit transfer	SBS
BS2009 Advanced Biochemistry		Major-PE	3AU	Advanced Biochemistry	SBS

*Type "Credit transfer" in the course title for the host university and match to any Major-PE

Students under the **2nd major programme** are advised to clear their Biological Sciences modules during exchange and when they are back from their exchange, they can clear more of their 2nd major's modules.

Students with **minor** should not clear their minor modules during exchange. To earn your minor, all your minor modules has to be graded. Noted that credit transfer back from exchange programmes are ungraded.

When you return from your exchange, and upon the receipt of your transcript from the partner university, you may proceed to submit your credit transfer. You may also receive the email reminder to do so.