

## NUS College in Silicon Valley (NCSV) curriculum for CEG students:

	NOC Program	MCs	Count towards Minor*	Mapped / Double-counted to:			Credit Transfer	Graded	Remarks
				Univ Level Req (ULR) - Breadth	Unrestricted Elective (UEM)	Program Requirements			
A.	<b>Entrepreneurship courses</b> (max 12 MCs):								
	1. TR3002 - New Venture Creation (NUS-BIZ) (compulsory)	4	✓	TR3002 <sup>2</sup>			Yes	Yes	
	2. TR3003 - Stanford MS&E271GEM Global Entrepreneurial Marketing	4	✓		TR3003		Yes	No	TR3003 can be used to fulfill SARTOR requirements. Can be used to fulfill ULR or UEM requirement.
	3. TR3008 - Stanford E145 Technology Entrepreneurship (SCPD) (for NCSV Jan/Jul 07, Jan/Jul 08 & Jan 09 intake)								# TR3002, TR3003/TR2201 & TR3008 must be completed in order to fulfill HR2002 requirement
	TR4001 - MS&E178 The Spirit of Entrepreneurship (3MCs) + MS&E 472 Entrepreneurial Thought Leader (ETL) Seminar (1 MC) (for NCSV Jan 10 intake onwards) (compulsory)	4	✓			HR2002 # (3 MCs)	Yes	No	TR4001 can be mapped to HR2002 under programme requirement.
B.	<b>Internship</b> (max 20 MCs):								
	1. TR3101 - Internship Continuous Assessment	4	✓		TR3101		Yes	No	
	2. TR3102 - Internship Program Report	8			TR3102		Yes	No	
	3. TR3103 - Start-up Business Case	8	✓			EE3001 <sup>2</sup> (4 MCs)	Yes	Yes	
			24MCs	4 MCs	16 MCs	7 MCs			
C.	<b>Discipline-based courses</b> (max 8 MCs): Stanford courses available via SCPD	8				<b>Subject to Dept approval</b>	Yes	No	

\*Minor in Technopreneurship

## Notes:

- For double-counting of minor modules, refer to [http://www.eng.nus.edu.sg/ugrad/SP\\_minors.html#General\\_Rules](http://www.eng.nus.edu.sg/ugrad/SP_minors.html#General_Rules):  
"The modular credits (MC) requirements for a Minor Program should not be less than 24MCs. Where there exists a substantial equivalence in the modules, **departments may grant double-counting of MCs from the major requirements (up to a maximum of 8 MCs) towards the MC requirements in the Minor Program.** A student may use **up to 20 MCs to satisfy the Unrestricted Elective Modules** and **another 8 MCs from the Breadth component of the University Level Requirements.**
- Either TR3002 or TR3103 can be mapped to EE3001 under Program Requirements. TR3002 can be counted towards either fulfilling ULR Breadth requirements or mapped to EE3001 under Program Requirements. TR3103 can be counted towards either one of the following: (i) fulfilling ULR Breadth requirements or (ii) UEM or (iii) mapped to EE3001 under Program Requirements.
- Students **must abide strictly** to the module mappings in section A and B above. For section C - Discipline-based courses, approvals must be sought from the Dept.
- Refer to <http://scpd.stanford.edu/calendar/calendar.jsp> & <http://scpd.stanford.edu/coursesSeminars/coursesSeminars.jsp> for SCPD (Stanford Centre of Professional Development) course details.

## NUS College in Shanghai (NCSH) curriculum for CEG students:

	NOC Program	MCs	Count towards Minor*	Mapped / Double-counted to:			Credit Transfer	Graded	Remarks
				Univ Level Req (ULR) - Breadth	Unrestricted Elective (UEM)	Program requirements			
A.	<b>Entrepreneurship courses</b> (max 12 MCs) :								
	1. TR3002 - New Venture Creation (NUS NEC course) (compulsory)	4	✓	TR3002 <sup>2</sup>			Yes	Yes	
	2 & 3. <Student to select 2 out of 4 courses> (i) TR2201 Entrepreneurial Marketing 269.033.1.01 (Fudan Code) 营销管理 (ii) TR2202 Technological Innovation 325.013.1 技术创新管理 (iii) TR3001 New Product Development 348.041.1 新产品开发管理 (iv) TR3007 Entrepreneurial Finance 341.044.1.01 创业投资	4x2	✓		ANY 2 MODULES out of : TR2201, TR2202, TR3001, TR3007		Yes	No	TR2201, TR3001 & TR3007 can be used to fulfill SARTOR requirements.  TR2201, TR2202, TR3001, TR3007 can be used to fulfill <u>either</u> ULR <u>or</u> UEM.
B.	<b>Internship</b> (max 20 MCs):								
	1. TR3101 - Internship Continuous Assessment	4	✓		TR3101		Yes	No	
	2. TR3102 - Internship Program Report	8			TR3102		Yes	No	
	3. TR3103 - Start-up Business Case	8	✓			EE3001 <sup>2</sup> (4 MCs)	Yes	Yes	
			24MCs	4 MCs	20 MCs	4 MCs			
C.	<b>Discipline-based courses</b> (max 8 MCs): FUDAN courses	8				<b>Subject to Dept approval</b>	Yes	No	

\*Minor in Technopreneurship

### Notes:

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"The modular credits (MC) requirements for a Minor Program should not be less than 24MCs. Where there exists a substantial equivalence in the modules, **departments may grant double-counting of MCs from the major requirements (up to a maximum of 8 MCs) towards the MC requirements in the Minor Program.** A student may use **up to 20 MCs to satisfy the Unrestricted Elective Modules** and **another 8 MCs from the Breadth component of the University Level Requirements.**"
- Either TR3002 or TR3103 can be mapped to EE3001 under Program Requirements. TR3002 can be counted towards either fulfilling ULR Breadth requirements or mapped to EE3001 under Program Requirements. TR3103 can be counted towards either one of the following: (i) fulfilling ULR Breadth requirements or (ii) UEM or (iii) mapped to EE3001 under Program Requirements.
- Students **must abide strictly** to the module mappings in section A and B above. For section C - Discipline-based courses, approvals must be sought from the Dept.
- Refer to <http://www.fudan.edu.cn/english/about/dep/dept.htm> for FU course details.

## NUS College in Beijing (NCBJ) curriculum for CEG students:

	NOC Program	MCs	Count towards Minor*	Mapped / Double-counted to:			Credit Transfer	Graded	Remarks
				Univ Level Req (ULR) - Breadth	Unrestricted Elective (UEM)	Program requirements			
A.	<b>Entrepreneurship courses (max 12 MCs) :</b>								
	1. TR3002 - New Venture Creation 00510392 创业管理 (compulsory)	4	✓	TR3002 <sup>2</sup>			Yes	No	
	2. TR2202 Technological Innovations 00510232 技术创新管理	4	✓				Yes	No	
	3. TR4001 Global Entrepreneurial Leadership 60510011 创业的领导	4	✓				Yes	No	TR4001 can be used to fulfil SARTOR requirements. TR4001 can be mapped to HR2002 under prg requirement.
B.	<b>Internship (max 20 MCs):</b>								
	4. TR3101 - Internship Continuous Assessment	4	✓		TR3101		Yes	No	
	5. TR3102 - Internship Program Report	8			TR3102		Yes	No	
	6. TR3103 - Start-up Business Case	8	✓			EE3001 <sup>2</sup> (4 MCs)	Yes	Yes	
			24MCs	4 MCs	20 MCs	4 MCs			
C.	<b>Discipline-based courses (max 8 MCs):</b> FUDAN courses	8				<b>Subject to Dept approval</b>	Yes	No	

\*Minor in Technopreneurship

### Notes:

- For double-counting of minor modules, please see [http://www.eng.nus.edu.sg/ugrad/SP\\_minors.html#General\\_Rules](http://www.eng.nus.edu.sg/ugrad/SP_minors.html#General_Rules):  
"The modular credits (MC) requirements for a Minor Program should not be less than 24MCs.  
Where there exists a substantial equivalence in the modules, **departments may grant double-counting of MCs from the major requirements (up to a maximum of 8 MCs) towards the MC requirements in the Minor Program.** A student may use **up to 20 MCs to satisfy the Unrestricted Elective Modules** and **another 8 MCs from the Breadth component of the University Level Requirements.**"
- Either TR3002 **or** TR3103 can be mapped to EE3001 under Program Requirements. TR3002 can be counted towards **either** fulfilling ULR Breadth requirements **or** mapped to EE3001 under Program Requirements. TR3103 can be counted towards **either** one of the following: (i) fulfilling ULR Breadth requirements **or** (ii) UEM **or** (iii) mapped to EE3001 under Program Requirements.
- Students **must abide strictly** to the module mappings in section A and B above. For section C - Discipline-based courses, approvals must be sought from the Dept.

## NUS College in Bio Valley (NCBV) curriculum for CEG students:

	NOC Program	MCs	Count towards Minor*	Mapped / Double-counted to:			Credit Transfer	Graded	Remarks
				Univ Level Req (ULR) - Breadth	Unrestricted Elective (UEM)	Program requirements			
A.	<b>Entrepreneurship courses</b> (max 12 MCs) :								
	1. TR3004 - Penn EAS545 Engineering Entrepreneurship I (compulsory)	4	✓	TR3004 ^			Yes	No	
	2. TR3005 - Penn EAS546 Engineering Entrepreneurship II (compulsory)	4	✓		TR3005 ^		Yes	No	^ Can be used to fulfil either ULR or UEM
	3. TR3006 - Penn EAS548 High-Tech Product and Market Development	4	✓		TR3006 ^		Yes	No	TR3006 can be used to fulfil SARTOR requirements.
B.	<b>Internship</b> (max 20 MCs):								
	1. TR3101 - Internship Continuous Assessment	4	✓		TR3101		Yes	No	
	2. TR3102 - Internship Program Report	8			TR3102		Yes	No	
	3. TR3103 - Start-up Business Case	8	✓			EE3001 (4 MCs)	Yes	Yes	
			24MCs	4 MCs	20 MCs	4 MCs			
C.	<b>Discipline-based courses</b> (max 8 MCs): Penn EAS or Wharton courses	8				<b>Subject to Dept approval</b>	Yes	No	

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### Notes:

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"The modular credits (MC) requirements for a Minor Program should not be less than 24MCs. Where there exists a substantial equivalence in the modules, **departments may grant double-counting of MCs from the major requirements (up to a maximum of 8 MCs) towards the MC requirements in the Minor Program.** A student may use **up to 20 MCs to satisfy the Unrestricted Elective Modules** and **another 8 MCs from the Breadth component of the University Level Requirements.**"
- Students **must abide strictly** to the module mappings in section A and B above. For section C - Discipline-based courses, approvals must be sought from the Dept.
- Refer to <http://www.upenn.edu/registrar/timetable/index.html> for Penn course details.

## NUS College in Stockholm (NCST) curriculum for CEG students:

	NOC Program	MCs	Count towards Minor*	Mapped / Double-counted to:			Credit Transfer	Graded	Remarks
				Univ Level Req (ULR) - Breadth	Unrestricted Elective (UEM)	Program requirements			
A.	<b>Entrepreneurship courses (max 12 MCs) :</b>								
	1. TR3011 - ME2801 Planning-Developing a Venture (compulsory)	6	✓	^ TR3011			Yes	No	TR3011 can be used to fulfill SARTOR requirements
	2. TR3010 - ME2800 Ideation-Creating a Business Idea <b>or</b> TR3012 - ME2802 Execution - Running your own Company (compulsory – choose any one of these two)	6	✓		^ TR3012		Yes	No	^ Can be used to fulfill either ULR or UEM
	3. OPTIONAL ^ : <ul style="list-style-type: none"> <li>▪ TR3013 - ME2803 Growth-Managing your Firm</li> <li>▪ TR4001 - I12204 Global Entrepreneurial Leadership</li> <li>▪ TR4202 - 4D1534 From Science to Business Concepts in Biotechnology</li> <li>▪ TR4203 - I12205 Business Opportunities in ICT</li> <li>▪ TR4204 - 4D1533 Design &amp; Innovation in Context</li> <li>▪ TR4205 - ME2807 Language of Innovation &amp; Entrepreneurship</li> </ul>	6 MC each except TR4001 (4 MC)	Optional				Yes	No	TR4001 can be used to fulfill SARTOR requirements, and can be mapped to HR2002 under prg requirement.
B.	<b>Internship (max 20 MCs):</b>								
	1. TR3101 - KF2310 Internship Continuous Assessment	4	✓		TR3101		Yes	No	
	2. TR3102 - KF2300 Internship Program Report	8			TR3102		Yes	No	
	3. TR3103 - KF2320 Start-up Business Case	8	✓			EE3001 <sup>2</sup> (4 MCs)	Yes	Yes	
			24MCs	6 MCs	18 MCs	4 MCs			
C.	<b>Discipline-based courses (max 8 MCs):</b> KTH or approved Karolinska (KI) courses	8				<b>Subject to Dept approval</b>	Yes	No	

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### Notes:

- For double-counting of minor modules, please see [http://www.eng.nus.edu.sg/ugrad/SP\\_minors.html#General\\_Rules](http://www.eng.nus.edu.sg/ugrad/SP_minors.html#General_Rules):  
"The modular credits (MC) requirements for a Minor Program should not be less than 24MCs. Where there exists a substantial equivalence in the modules, **departments may grant double-counting of MCs from the major requirements (up to a maximum of 8 MCs) towards the MC requirements in the Minor Program.** A student may use **up to 20 MCs to satisfy the Unrestricted Elective Modules** and **another 8 MCs from the Breadth component of the University Level Requirements.**"
- TR3103 can be counted towards **either** one of the following: (i) fulfilling ULR Breadth requirements **or** (ii) UEM **or** (iii) mapped to EE3001 under Program Requirements.
- Students **must abide strictly** to the module mappings in section A and B above. For section C - Discipline-based courses, approvals must be sought from the Dept.
- For course details, refer to <http://www.sses.se/> for Stockholm School of Entrepreneurship (SSES), <http://www.kth.se/> and <http://www.kth.se/student/studiehandbok/07/index.asp?lang=1> and <http://www.kth.se/studies/exchange/1.7979?l=en> for Royal Institute of Technology (KTH) and <http://ki.se/ki/jsp/polopoly.jsp?d=130&l=en> for Karolinska Institute (KI).