

OFFER FOR COURSES IN ENGLISH

11/05/2022

☛ **Contact for administrative matters : Mrs Anne ANKENMANN : anne.ankenmann@insa-strasbourg.fr**

☛ **For questions related to the course content or general pedagogical questions :**
contact the **international coordinator in the concerned study field/departement** (see in the list below)

☛ In addition to courses, it might be possible (according to the professors) to do an **internship in an INSA Lab with supervision in English**.

☛ In addition to the below mentioned courses, **it is also possible to take a course in English as a foreign language, according to availability**.

☛ **For course contents, please see :** <http://www.insa-strasbourg.fr/fr/programme-des-etudes/?menu=formation> **and choose the link "contenu formation" for the corresponding class**

<p>List of courses that are partially or completely proposed in English or for which there is at least a course material available for part of the course</p>
--

International Coordinator - department of architecture - Mr. Lazaros MAVROMATIDIS : lazaros.mavromatidis@insa-strasbourg.fr

CLASS	STUDY FIELD	STUDY YEAR	SEMESTER	REFERENCE AND TITLE OF COURSE
AI1	Architecture/Engineering	1st	1	Fine Art : A-STM-ART-01 - Formation Plastique
AI1	Architecture/Engineering	1st	1	History of Art : A-STM-ART-01 - Histoire de l'Art
AI1	Architecture/Engineering	1st	1	Mathematics 1 : UE-SEC-STG-MPL-01 - Mathématiques 1
AI1	Architecture/Engineering	1st	1	Applied Thermodynamics : A-STM-PS-01 - Thermodynamique Appliquée (anglais intégral)
AI1	Architecture/Engineering	1st	2	History of Architecture : A-STM-ART-01 : Histoire de l'Architecture
AI1	Architecture/Engineering	1st	2	Fine Art : A-STM-ART-02 - Formation Plastique
AI1	Architecture/Engineering	1st	2	Applied Thermodynamics and Eco-Conception : A-STM-ING-02 - Thermodynamique Appliquée et Eco-Conception
AI2	Architecture/Engineering	2nd	3	History of Art : A-STM-ART-03 - Histoire de l'art
AI2	Architecture/Engineering	2nd	3	Art and Landscape : A-STM-ART-03 - Art et Paysage (anglais intégral)

See : <http://www.insa-strasbourg.fr/wp-content/uploads/ARCHITECTURE-Grilles-2021-2022-AI1-def210712.pdf>

AI2	Architecture/Engineering	2nd	3	Electromagnetism : UC-SEC-STG-MATHINFO-05 - Electromagnétisme (anglais intégral)
AI2	Architecture/Engineering	2nd	4	Fine art : A-STM-ART-04 - Formation plastique
AI2	Architecture/Engineering	2nd	4	Numerical Simulation Tools (Heat transfer) and Building Climatology: A-STM-ING-04 - Outils de simulations numériques (thermique) - (anglais intégral)
AI3	Architecture/Engineering	3rd	5	English applied to project (Project for city and landscape) : SEC-STG-MPL-05 - Anglais LV7 - appliquée au projet
AI3	Architecture/Engineering	3rd	5	Project for city and landscape : A-STM-VT-03 - Projet villes et formes urbaines
AI3	Architecture/Engineering	3rd	5	Integrated internship 3-Intensive workshop-Project Management : A-STM-SI-03- Stage intégré 3-charrette de PFE-Management de Projet
AI3	Architecture/Engineering	3rd	5	Integrated internship 3 - Intensive workshop report : A-STM-SI-03- Stage intégré 3-rapport de charrette
AI3	Architecture/Engineering	3rd	5	Fine art and graphic expression 4 : A-STM-ART-05- Formation plastique, expressions graphiques 4
AI3	Architecture/Engineering	3rd	5	Steel structures : A-STM-ING-05 - Structure acier (anglais intégral)
AI3	Architecture/Engineering	3rd	6	English applied to project (Architectural experimentation project 6) : SEC-CT-L-06- Anglais LV8-appliquée au projet
AI3	Architecture/Engineering	3rd	6	Architectural experimentation project 6 : A-STM-ARC-05-Projet et expérimentations architecturales 6
AI3	Architecture/Engineering	3rd	6	History of art 3 : A-STM-ART-06 - Histoire de l'art 3
AI4	Architecture/Engineering	4th	7	English applied to project (Structure project 1) : SEC-CT-L-07 - Anglais LV9-appliquée au projet
AI4	Architecture	4th	7	Structure Design 1 : A-STM-ING-07- Projet de structure 1 (anglais intégral)
A4	Architecture/Engineering	4th	7	Integrated internship 4-Intensive workshop-Project Management : A-STM-ARC-09 - Stage intégré 4 - charrette de PFE-Management de Projet
AI4	Architecture/Engineering	4th	7	Project methodology, architecture project 7 : A-STM-ARC-09 - Méthodologies du projet, projet d'Architecture 7
A4	Architecture	4th	7	Introduction to Research 1 : A-STM-PP-01 - introduction Recherche 1
AI4	Architecture	4th	8	English applied to project (Structure project) : SEC-CT-L-08 - Anglais LV10-appliquée au projet
A4	Architecture	4th	8	Structure Design 2 : A-STM-ING-08-Projet de structure 2 (anglais intégral)
A4	Architecture	4th	8	Architecture Project : A-STM-ARC-10 - Projet Architecture
A4	Architecture	4th	8	Introduction to Research 2 : A-STM-PP-02 - introduction Recherche 2
Coordinator in STH (general first study year) - Mr. Philippe DENIER : philippe.denier@insa-strasbourg.fr				
STH 1	Sciences, Techniques and Humanities	1st	1	Chemistry : SEC-STG-PHY-01 - Chimie
STH 1	Sciences, Techniques and Humanities	1st	2	Chemistry : SEC-STG-PHY-02 - Chimie

See : <http://www.insa-strasbourg.fr/wp-content/uploads/ARCHITECTURE-Grilles-2021-2022-AI2-def210712.pdf>

See : <http://www.insa-strasbourg.fr/wp-content/uploads/ARCHITECTURE-Grilles-2021-2022-AI3-def210712.pdf>

See : <http://www.insa-strasbourg.fr/wp-content/uploads/ARCHITECTURE-Grilles-2021-2022-A4AI5-def210712.pdf>

See : <http://www.insa-strasbourg.fr/fr/grilles-sth1-2021-2022/>

STH 1	Sciences, Techniques and Humanities	1st	2	Electricity : STG-PHYS-02- Electricité
-------	-------------------------------------	-----	---	--

International Coordinator - department of Civil Engineering - Mr. Bertrand GUYVARCH : bertrand.guyvarch@insa-strasbourg.fr

GC2/G2/GM2/PL2/MIQ2/GE2/GCE2	Civil Engineering	2nd	3	Electromagnetism 1 : SEC-STG-MATHINFO-05-Electromagnétisme 1
------------------------------	-------------------	-----	---	--

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-GC2-2021-2022.pdf>

GC3/G3/GM3/PL3/MIQ3/GE3/GCE3	Civil Engineering	3rd	5	Probabilities : SEC-STG-MATH-07-Probabilités
------------------------------	-------------------	-----	---	--

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-GC3-2021-2022.pdf>

GC4	Civil Engineering	4th	8	English applied to projects (project to be chosen) : SEC-CT-SHSL-07 - Anglais appliqué aux projets (au choix)
-----	-------------------	-----	---	---

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-GC4AI-GC-2021-2022.pdf>

GC4	Civil Engineering	4th	8	Mechanics of structural Elements : GCT-STM-GC-08 - Mécanique des éléments (anglais intégral)
-----	-------------------	-----	---	--

--	--	--	--	--

GC5	Civil Engineering	5th	9	English applied to project (with Technological Research Project - PRT) : SEC-CT-SHSL-09 - Langues 9 en projet (avec PRT)
-----	-------------------	-----	---	--

See : http://www.insa-strasbourg.fr/fr/grille-gc5-2021-2022_v3/

GC5 - option "Aménagement"	Civil Engineering	5th	9	Planning and Environment : GCT-STM-GC-ATE-01 - Aménagement et Environnement
----------------------------	-------------------	-----	---	---

International Coordinator - department of Surveying - Mr. Gilbert FERHAT : gilbert.ferhat@insa-strasbourg.fr

G2/GC2/GM2/PL2/MIQ2/GE2/GCE2	Surveying engineering	2nd	3	Electromagnetism 1 : SEC-STG-MATHINFO-05-Electromagnétisme 1
------------------------------	-----------------------	-----	---	--

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-G2-2021-2022.pdf>

G3	Surveying engineering	3rd	5	Photogrammetry 1 : GCT-STM-TOPO-03- Photogrammétrie 1
----	-----------------------	-----	---	---

G3/GC3/GM3/PL3/MIQ3/GE3/GCE3	Surveying engineering	3rd	5	Probabilities : SEC-STG-MATH-07-Probabilités
------------------------------	-----------------------	-----	---	--

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-G3-2021-2022.pdf>

G3	Surveying engineering	3rd	6	Photogrammetry 2 : GCT-STM-TOPO-06- Photogrammétrie 2
----	-----------------------	-----	---	---

G4	Surveying engineering	4th	7	Photogrammetry 3 : GCT-STM-TOPO-07- Photogrammétrie 3
----	-----------------------	-----	---	---

G4	Surveying engineering	4th	8	English applied to projects (project to be chosen) : SEC-CT-SHSL-08 - Anglais appliqué aux projets (au choix)
----	-----------------------	-----	---	---

See : http://www.insa-strasbourg.fr/fr/grille-g4ai-g-2021-2022_v2/

G4	Surveying engineering	4th	8	Building Information Modeling - BIM : GCT-STM-TOPO-10 - Building Information Modeling - BIM (anglais intégral à partir de 2021/2022)
----	-----------------------	-----	---	--

G4	Surveying engineering	4th	8	The global positioning system 3 : GCT-STM-TOPO-12- Géodésie 3 (anglais intégral)
----	-----------------------	-----	---	--

G5	Surveying engineering	5th	9	English applied to project (with Technological Research Project - PRT) : SEC-CT-SHSL-09 - Langues 9 en projet (avec PRT)
----	-----------------------	-----	---	--

See : <http://www.insa-strasbourg.fr/fr/grille-g5ai-g-2021-2022/>

G5	Surveying engineering	5th	9	Photogrammetry/MNT 4 : GCT-STM-TOPO-13- Photogrammétrie /MNT 4
----	-----------------------	-----	---	--

International Coordinator - department of Mechanical Engineering - Mr. Nicolas SERRES : nicolas.serres@insa-strasbourg.fr

GM2/GC2/G2/PL2/MIQ2/GE2/GCE2	Mechanical Engineering	2nd	3	Electromagnetism 1 : SEC-STG-MATHINFO-05-Electromagnétisme 1
-------------------------------------	------------------------	-----	---	--

See : <http://www.insa-strasbourg.fr/fr/grille-gm2-2021-2022-c-e-du-31-mars-2022/>

GM3	Mechanical Engineering	3rd	5	Project S5 : Construction of mechanical systems : MEC-STM-GM-07- Projet S5 : Construction de systèmes mécaniques
-----	------------------------	-----	---	--

GM3/GC3/G3/PL3/MIQ3/GE3/GCE3	Mechanical Engineering	3rd	5	Probabilities : SEC-STG-MATH-07-Probabilités
-------------------------------------	------------------------	-----	---	--

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-GM3-2021-2022-CE-du-24-juin-2021.pdf>

GM3	Mechanical Engineering	3rd	6	Fluid mechanics 2 : MEC-STM-GM-08 - Mécanique des Fluides 2
-----	------------------------	-----	---	---

GM3	Mechanical Engineering	3rd	6	Project S6 : Realization of mechanical systems : MEC-STM-MEC-09 - projet S6 : Réalisation de systèmes mécaniques
-----	------------------------	-----	---	--

GM4	Mechanical Engineering	4th	7	Composites and lattice structures : MEC-STM-PARC-1- Matériaux Innovants et éco-respectueux : composites et structures lattice
-----	------------------------	-----	---	--

GM4	Mechanical Engineering	4th	7	Project S7 : Automated system design : MEC-STM-GM-11-Projet S7 : Conception de systèmes automatiques
-----	------------------------	-----	---	--

GM4	Mechanical Engineering	4th	8	English applied to project (Project S8 : Technical system integration) : SEC-CT-SHSL-08 - Anglais appliqué au projet
-----	------------------------	-----	---	--

GM4	Mechanical Engineering	4th	8	Project S8 : Technical system integration : MEC-STM-GM-12 - Projet S8 : Intégration des systèmes techniques
-----	------------------------	-----	---	---

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-GM4-2021-2022-CE-du-24-juin-2021.pdf>

GM4-PL4-MIQ4	Mechanical Engineering	4th	8	Robotic design-Automation 3 : MEC-STM-PARC-4 Conception pour la robotique - Automatique 3
---------------------	------------------------	-----	---	---

GM4-PL4-MIQ4	Mechanical Engineering	4th	8	Manufacturing : MEC-STM-MEC-12-Fabrication
---------------------	------------------------	-----	---	--

GM5	Mechanical Engineering	5th	9	English applied to project (Project S9 : advanced design of automation systems) : SEC-CT-SHSL-09 - Anglais appliqué au projet
-----	------------------------	-----	---	---

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-GM5-CE-du-24-juin-2021.pdf>

GM5	Mechanical Engineering	5th	9	Project S9 : advanced automated machine design : MEC-STM-GM-14-Projet S9 : Conception avancée de systèmes automatisés (anglais intégral)
-----	------------------------	-----	---	--

International Coordinator - department of Plastics Engineering - Mr. Nicolas SERRES : nicolas.serres@insa-strasbourg.fr

PL2/GC2/G2/GM2/MIQ2/GE2/GCE2	Plastics Engineering	2nd	3	Electromagnetism 1 : SEC-STG-MATHINFO-05-Electromagnétisme 1
-------------------------------------	----------------------	-----	---	--

See : <http://www.insa-strasbourg.fr/fr/grille-pl2-2021-2022-c-e-du-31-mars-2022/>

PL3/GC3/G3/GM3/MIQ3/GE3/GCE3	Plastics Engineering	3rd	5	Probabilities : SEC-STG-MATH-07-Probabilités
-------------------------------------	----------------------	-----	---	--

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-PL3-2021-2022-CE-du-24-juin-2021.pdf>

PL4	Plastics Engineering	4th	8	English applied to project (Project S8 : parts and tools design) : SEC-CT-SHSL-08 - Anglais appliqué au projet
PL4	Plastics Engineering	4th	8	Project S8 : parts and tools design : MEC-STM-PL-07 - Projet S8 - Conception pièces & outillages
PL4-GM4-MIQ4	Plastics Engineering	4th	8	Manufacturing : MEC-STM-MEC-12-Fabrication

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-PL4-2021-2022-CE-du-24-juin-2021.pdf>

PL5	Plastics Engineering	5th	9	English applied to project (Plastic mold making : development & testing) : SEC-CT-SHSL-09 - Anglais appliqué au projet
PL5	Plastics Engineering	5th	9	Plastic mold making : development & testing : MEC-STM-PL-09 - Projet S9 PL - Plastic mold making : development & testing

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-PL5-2021-2022-CE-du-24-juin-2021-1.pdf>

International Coordinator - department of Mechatronics Engineering - Mr. Nicolas SERRES : nicolas.serres@insa-strasbourg.fr

MIQ2/GC2/G2/GM2/PL2/GE2/GCE2	Mechatronics	2nd	3	Electromagnetism 1 : SEC-STG-MATHINFO-05-Electromagnétisme 1
------------------------------	--------------	-----	---	--

See : <http://www.insa-strasbourg.fr/fr/grille-miq2-2021-2022-c-e-du-31-mars-2022/>

MIQ3/GC3/G3/GM3/PL3/GE3/GCE3	Mechatronics	3rd	5	Probabilities : SEC-STG-MATH-07-Probabilités
------------------------------	--------------	-----	---	--

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-MIQ3-2021-2022-CE-du-24-juin-2021.pdf>

MIQ4-GE4	Mechatronics	4th	7	Digital Electronics 2 : GEC-STM-GE-08 - Electronique numérique 2
MIQ4	Mechatronics	4th	8	English applied to project (Project MIQ4 S8) : SEC-CT-SHSL-08 - Anglais appliqué au projet
MIQ4	Mechatronics	4th	8	Project MIQ4 S8 : MEC-STM-MIQ-08 - Projet MIQ4 S8
MIQ4-GM4-PL4	Mechatronics	4th	8	Manufacturing : MEC-STM-MEC-12-Fabrication

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-MIQ4-2021-2022-CE-du-24-juin-2021.pdf>

MIQ5	Mechatronics	5th	9	English applied to project (Project S9) : SEC-CT-SHSL-09 - Anglais appliqué au projet
MIQ5	Mechatronics	5th	9	Project S9 : MEC-STM-MIQ 10 - Projet S9
MIQ5	Mechatronics	5th	9	Motorization and axis control for robotics : MEC-STM-MIQ-09 - Motorisation et commande d'axe pour la robotique

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-MIQ5-2021-2022-CE-du-24-juin-2021-1.pdf>

International Coordinator - department of Electrical Engineering - Mr. Tedjani MESBAHI : tedjani.mesbahi@insa-strasbourg.fr

GE2/GC2/G2/GM2/PL2/MIQ2/GCE2	Electrical Engineering	2nd	3	Electromagnetism 1 : SEC-STG-MATHINFO-05-Electromagnétisme 1
------------------------------	------------------------	-----	---	--

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-GE2-2021-2022.pdf>

GE3/GC3/G3/GM3/PL3/MIQ3/GCE3	Electrical Engineering	3rd	5	Probabilities : SEC-STG-MATH-07-Probabilités
------------------------------	------------------------	-----	---	--

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-GE3-2021-2022.pdf>

GE4-MIQ4	Electrical Engineering	4th	7	Digital Electronics 2 : GEC-STM-GE-08 - Electronique numérique 2
GE4	Electrical Engineering	4th	7	Automation 3 : GEC-STM-GE-07 - Automatique 3
GE4	Electrical Engineering	4th	8	English applied to project (Electrical Engineering project 2) : SEC-CT-SHSL-08 - Anglais appliqué au projet
GE4	Electrical Engineering	4th	8	Electrical Engineering project 2 : GEC-STM-GE 10 - Projet Génie Electrique 2

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-GE4-2021-2022.pdf>

GE5	Electrical Engineering	5th	9	English applied to option project (Renewable energies project, Smart factory project or Embedded sytems & IoT project) : SEC-CT-SHSL-09 - Anglais appliqué au projet d'option
GE5	Electrical Engineering	5th	9	Electric mobility : GEC-STM-GE-11 - Mobilité électrique
GE5	Electrical Engineering	5th	9	Building Information Modeling - BIM : GEC-STM-GE-12 - Building Information Modeling - BIM (anglais intégral)
GE5	Electrical Engineering	5th	9	Big data and machine learning : GEC-STM-GE-12 - Big data and machine learning
GE5	Electrical Engineering	5th	9	Advanced automation : GEC-STM-GE-12 - Automatique Avancée
GE5	Electrical Engineering	5th	9	Renewable energies project : GEC-STM-GE-13 - Projet Energies renouvelables
GE5	Electrical Engineering	5th	9	Mechatronics for smart factory (usine 4.0) : GEC-STM-GE-14 - Mécatronique pour l'usine du futur
GE5	Electrical Engineering	5th	9	Digital tools for smart factory : GEC-STM-GE-14 - Outils numériques pour l'usine du futur
GE5	Electrical Engineering	5th	9	Smart factory (usine 4.0) project : GEC-STM-GE-14 - Projet Usine du futur
GE5	Electrical Engineering	5th	9	Embedded sytems & IoT project : GEC-STM-GE-15 - Projet Systèmes Embarqués & IoT
GE5	Electrical Engineering	5th	9	Technological research project (PRT) : GEC-STM-PRT

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-GE5-2021-2022.pdf>

International Coordinator - department of HVAC - Mrs. Carmen VASILE : carmen.vasile@insa-strasbourg.fr

GCE2/GC2/G2/GM2/PL2/MIQ2/GE2	HVAC	2nd	3	Electromagnetism 1 : SEC-STG-MATHINFO-05-Electromagnétisme 1
GCE2	HVAC	2nd	3	SEC-STG-PHYS-05 - Transferts thermiques

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-GCE2-2021-2022.pdf>

GCE3/GC3/G3/GM3/PL3/MIQ3/GE3	HVAC	3rd	5	Probabilities : SEC-STG-MATH-07-Probabilités
------------------------------	------	-----	---	--

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-GCE3-2021-2022.pdf>

GCE4	HVAC	4th	7	Regulation of climatic systems : GEC-STM-GCE-10 - Régulation des systèmes climatiques
GCE4	HVAC	4th	7	HVAC Water networks ageing : GEC-STM-GCE-10 - HVAC Water networks ageing
GCE4	HVAC	4th	8	English applied to project (HVAC Air treatment - Systems) : SEC-CT-SHSL-08 - Anglais appliqué au projet

See : <http://www.insa-strasbourg.fr/wp-content/uploads/Grille-GCE4-2021-2022.pdf>

GCE4	HVAC	4th	8	HVAC Air treatment - Systems : GEC-STM-GCE-13 - Traitement d'air-Systèmes
GCE4	HVAC	4th	8	Applied numerical modelling : GEC-STM-GCE-12 - Techniques numériques appliquées

Coordinator for elective courses- Mr. Nicolas SERRES : nicolas.serres@insa-strasbourg.fr

Elective courses :

STH 1	Sciences, Techniques and Humanities	1st	2	Elective course : Ethics for engineers
STH 1	Sciences, Techniques and Humanities	1st	2	Elective course : Negotiate to succeed
GC2/G2/GM2/PL2/MIQ2/GE2/GCE2	Engineering	2nd	3	Elective course : Negotiate to succeed
GC2/G2/GM2/PL2/MIQ2/GE2/GCE2	Engineering	2nd	3	Elective course : Negotiation Strategies for Engineers
GC2/G2/GM2/PL2/MIQ2/GE2/GCE2	Engineering	2nd	3	Elective course : Image(s) of the Engineer
GC2/G2/GM2/PL2/MIQ2/GE2/GCE2	Engineering	2nd	4	Elective course : Ethics for engineers
GC2/G2/GM2/PL2/MIQ2/GE2/GCE2	Engineering	2nd	4	Elective course : Negotiate to succeed
GC2/G2/GM2/PL2/MIQ2/GE2/GCE2	Engineering	2nd	4	Elective course : Negotiation Strategies for Engineers
GC3/G3/GM3/PL3/MIQ3/GE3/GCE3	Engineering	3rd	6	Elective course : Negotiate to succeed
GC3/G3/GM3/PL3/MIQ3/GE3/GCE3	Engineering	3rd	6	Elective course : Negotiation Strategies for Engineers
GC4/G4/GM4/PL4/MIQ4/GE4/GCE4	Engineering	4th	7	Elective course : Intercultural management
GC4/G4/GM4/PL4/MIQ4/GE4/GCE4	Engineering	4th	7	Elective course : Corporate social responsibility
GC4/G4/GM4/PL4/MIQ4/GE4/GCE4	Engineering	4th	7	Elective course : Negotiate to succeed
GC4/G4/GM4/PL4/MIQ4/GE4/GCE4	Engineering	4th	7	Elective course : Negotiation Strategies for Engineers
GC4/G4/GM4/PL4/MIQ4/GE4/GCE4	Engineering	4th	7	Elective course : Inventive Design & Innovation
GC4/G4/GM4/PL4/MIQ4/GE4/GCE4	Engineering	4th	8	Elective course : Negotiate to succeed
GC4/G4/GM4/PL4/MIQ4/GE4/GCE4	Engineering	4th	8	Elective course : Negotiation Strategies for Engineers