

International School of Engineering
Schedule for Nano Program
2nd year, 1st Semester Academic Year 2014

No.	Course No.	Course Title	Credit	Type	Sec.	Date	Time	Room/Bldg.	Instructors	Dept.	Amount
1	2182201	Mathematics for Nano - Engineering	3 (3-0-6)	Lect.	1	Tue	09.30-11.00	4M07/4	Assoc. Prof. Manop Wongsaisuwan, Ph.D. Asst. Prof. Nisachon Tangsangiumvisai, Ph.D. Nuwong Chollacoop, Ph.D.	EE	26
						Wed	13.00-14.30	4M07/4		EE	
2	2182210	Electrical Circuit	3 (3-0-6)	Lect.	1	Wed	9.30-11.00	2305	Supatana Auethavekiat, Ph.D. Asst. Prof. Chanchana Tangwongsan, Ph.D.	EE	26
						Fri	9.30-11.00	2305			
3	2183211	Engineering Mechanics	4 (4-0-8)	Lect.	1	Mon	14.30-16.30	ENG 100 / 402	Asst. Prof. Thanyarat Singhanart, Ph.D.	ME	60
						Wed	14.30-16.30	ENG 100 / 402			
4	2189201	Introduction to Material Science and Engineering	3 (3-0-6)	Lect.	1	Tue	11.00-12.30	3402	Asst. Prof. Patama Visuttipitukul, Ph.D. Chedtha Punkreubutra, Ph.D. Asst. Prof. Tachai Luangvaranunt, Ph.D.	MET	26
						Thu	11.00-12.30	3402			
5	2185220	Basic Organic Chemistry	3 (3-0-6)	Lect.	1	Thu	08.00-11.00	4M07/4	Assoc. Prof. Tharathon Mongkhonsi, Ph.D. Chutimon Satirapipathkul, Ph.D. Assoc. Prof. Sarawut Rimdusit, Ph.D. Asst. Prof. Sorada Kanokpanont, Ph.D.	CHEM	26
6	2185221	Organic Chemistry Laboratory	1 (0-3-0)	Lab.	1	Fri	13.30-16.30	CHEM LAB	Assoc. Prof. Tharathon Mongkhonsi, Ph.D. Chutimon Satirapipathkul, Ph.D. Assoc. Prof. Sarawut Rimdusit, Ph.D. Asst. Prof. Sorada Kanokpanont, Ph.D.	CHEM	26
7	5501214	Communication and Presentation Skills	3 (3-0-6)	Lect.	1	Thu	13.30-16.30	2304/2	Aj. Bill Horgan	CULI	26

International School of Engineering
Schedule for NANO Program
3 rd year, 1st Semester Academic Year 2014

No.	Course No.	Course Title	Credit	Type	Sec.	Date	Time	Bldg./Room	Instructors	Dept.	Amount
1	2141303	Material Characterization	3 (3-0-6)	Lect.	1	Mon	13.00-16.00	403 / ENG 100 Yr.	Asst. Prof. Varong Pavarajarn, Ph.D. Boonrat Lohwongwatana, Ph.D.	CHEM	32
2	2141375	Measurement and Instrumentation	3 (3-0-6)	Lect.	1	Tue Fri	10.30-12.00 13.00-14.30	3321 3321	Asst. Prof. Arporn Teeramongkonrasmee, Ph.D.	EE	32
3	*2141310	Micro and NanofabricationTechnology (Compulsory Course for Nano-Nano)	3 (3-0-6)	Lect.	1	Wed	13.00-16.00	1305/2	Asst. Prof. Alongkorn Pimpin, Ph. D Wibool Piyawattanametha, Ph. D Anurat Wisitsoraat, Ph.D. Werayut Srituravanich, Ph.D.	ME	40
4	*2141331	Quantum Mechanics for Engineers (Compulsory Course for Nano-Nano)	3 (3-0-6)	Lect.	1	Tue	13.00-16.00	2303/1	Asst. Prof. Nakorn Phaisangittisakul, Ph.D.	SCI	40
5	*2141341	Nanopolymer Engineering (Compulsory Course for Bio-Nano)	3 (3-0-6)	Lect.	1	Mon Wed	09.00-10.30 09.00-10.30	2304/2 2304/2	Assoc. Prof. Sarawut Rimdusit, Ph. D. Assoc. Prof. Anongnat Somwangthanaroj, Ph.D. Varun Taepaisitphongse, Ph.D.	CHEM CHEM CHEM	40
6	*2141345	Molecular Chemistry (Compulsory Course for Bio-Nano)	3 (3-0-6)	Lect.	1	Fri	09.00-12.00	1303	Asst. Prof. Varong Pavarajarn, Ph.D. Asst. Prof. Sorada Kanokpanont, Ph.D.	CHEM CHEM	40
7	*2141346	Reaction Engineering (Compulsory Course for Bio-Nano)	3 (3-0-6)	Lect.	1	Tue	13.00-16.00	2303/2	Akawat Sirisuk, Ph. D.	CHEM	40
8	*2141365	Fluid Mechanics for International Engineers (Compulsory Course for Nano-Nano)	3 (3-0-6)	Lect.	1	Wed	08.00-11.00	4M07/4	Assoc. Prof. Asi Bunyajitradulya, Ph.D.	ME	40
9	2141261	Statics and Mechanics of Materials	3 (3-0-6)	Lect.	1	Mon	16.00-19.00	2304/1	Aj. Tawan Paphapote	ME	40

* Approved Elective

International School of Engineering
Schedule for Nano Program
4th year, 1st Semester Academic Year 2014

No.	Course No.	Course Title	Credit	Type	Sec.	Date	Time	Bldg./Room	Instructors	Dept.	Amount
1	2141481	IT for Communications	3 (3-0-6)	Lect.	1	Wed	08.00-11.00	2303/1	Ajarn. Tawan Paphapote	ME	32
2	2141490	Nano Seminar	1 (0-3-0)	SMNA.	1	Fri	09.00-12.00	2302	Asst. Prof. Varong Pavarajarn, Ph.D.	CHEM	32
3	2141491	Research Methodology	2 (2-0-4)	Lect.	1	Sat	09.00-11.00	2304/2	Asst. Prof. Wuthichai Wongthatsanekorn, Ph.D. Benjarath Pupacdi, Ph.D. Oratai Jongprateep, Ph.D.	ISE ISE ISE	32
4	*2141451	Bionanotechnology (Nano-Nano/Bio-Nano)	3 (3-0-6)	Lect.	1	Fri	13.00-16.00	2303/1	Asst.Prof.Niti Yongvanich, Ph. D. Dissaya Pornpattananangkul, Ph.D.	ISE	40
5	*2141482	Effective Problem Solving for Industry (Nano-Nano/Bio-Nano)	3 (3-0-6)	Lect.	1	Sat	13.00-16.00	2304/1	Pahnit Seriburi, Ph.D. Viriya Udomphol, Ph.D. Yuparwadee Satirakul, Ph. D	ISE ISE ISE	40
6	*2141402	Nanomaterial Synthesis by Aerosol Process (Nano-Nano/Bio-Nano)	3 (3-0-6)	Lect.	2	Tue	13.00-16.00	4M07/3	Achariya Suriyawong, Ph.D.	ENV	40
7	*2141417	Nanoelectronics	3 (3-0-6)	Lect.	2	Mon	13.00-16.00	2304/2	Anurat Wisitsoraat, Ph.D.	ISE	40

* Approved Elective