

International School of Engineering
Schedule for Nano Program
2nd year, 1st Semester Academic Year 2013

NANO Program

No.	Course No.	Course Title	Credit	Type	Sec.	Date	Time	Room/Bldg.	Instructors	Dept.	Amount	Remark
1	2141201	Engineering Materials II	3 (3-0-6)	Lect.	1	Fri	09.00-12.00	2304/2	Asst. Prof.Seksak Asavavisithchai, Ph.D.	MET	35	
2	2141223	Mathematics for Nanotechnology	3 (3-0-6)	Lect.	1	Tue Wed	09.00-10.30 13.00-14.30	2204 2204	Asst. Prof. Manop Wongsaisuwan, Ph.D. Jitkomut Songsiri, Ph.D.	EE EE	35	
3	2141261	Statics and Mechanics of Materials	3 (3-0-6)	Lect.	1	Mon Tue	14.30-16.00 14.30-16.00	2303/2 2303/2	Ajarn. Tawan Paphapote	ME	35	The first class will be held on Mon 19 Aug, 13
4	2141270	Electrical Circuits	3 (3-0-6)	Lect.	1	Mon Tue	10.30-12.00 10.30-12.00	4M07/1 4M07/1	Supatana Auethavekiat, Ph.D. Asst. Prof. Chanchana Tangwongsan, Ph.D.	EE EE	35	
5	2302203	Organic Chemistry Laboratory	1 (0-3-0)	Lab.	2	Wed	09.00-12.00	1401-3 / MHMK	Asst. Prof. Paitoon Rashatasakhon, Ph.D.	SCI	35	Orientation on Wed 14 Aug, 13 at 9.00-12.00, room no. 1004/4 MHMK building
6	2302231	Physical Chemistry 1	3 (3-0-6)	Lect.	3	Fri	13.00-16.00	308 / MHMK	Assoc.Prof.Vudhichai Parasuk, Ph.D	SCI	35	

International School of Engineering
Schedule for NANO Program
3 rd year, 1st Semester Academic Year 2013

NANO Program

No.	Course No.	Course Title	Credit	Type	Sec.	Date	Time	Room/Bldg.	Instructors	Dept.	Amount	Remark
1	2141303	Material Characterization	3 (3-0-6)	Lect.	1	Mon	13.00-16.00	2205	Asst. Prof. Varong Pavarajarn, Ph.D.	CHEM	40	
2	2141375	Measurement and Instrumentation	3 (3-0-6)	Lect.	1	Mon Wed	10.30-12.00 10.30-12.00	2210 2210	Asst. Prof. Arporn Teeramongkonrasmee, Ph.D.	EE	40	
3	*2141310	Micro and NanofabricationTechnology (Compulsory Course for Nano-Nano)	3 (3-0-6)	Lect.	1	Wed	13.00-16.00	2303/1	Asst. Prof. Alongkorn Pimpin, Ph. D Wibool Piyawattanametha, Ph. D	ME	40	
4	*2141331	Quantum Mechanics for Engineers (Compulsory Course for Nano-Nano)	3 (3-0-6)	Lect.	1	Tue	09.30-12.30	4M07/3	Nakorn Phaisangittisakul, Ph.D.	SCI	40	
5	*2141341	Nanopolymer Engineering (Compulsory Course for Bio-Nano)	3 (3-0-6)	Lect.	1	Wed	13.00-16.00	2304/2	Assoc. Prof. Sarawut Rimdusit, Ph. D. Asst. Prof. Anongnat Somwangthanaroj, Ph.D. Varun Taepaisitphongse, Ph.D.	CHEM CHEM	40	
6	*2141345	Molecular Chemistry (Compulsory Course for Bio-Nano)	3 (3-0-6)	Lect.	1	Fri	09.00-12.00	2304/1	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	2304/2	Akawat Sirisuk, Ph. D.	CHEM	40	
8	*2141365	Fluid Mechanics for International Engineers (Compulsory Course for Nano-Nano)	3 (3-0-6)	Lect.	1	Mon Wed	8.30-10.00 8.30-10.00	2204 2204	Assoc. Prof. Asi Bunyajitradulya, Ph.D.	ME	40	

*** Approved Elective**

International School of Engineering
Schedule for Nano Program
4th year, 1st Semester Academic Year 2013

NANO Program

No.	Course No.	Course Title	Credit	Type	Sec.	Date	Time	Room/Bldg.	Instructors	Dept.	Amount	Remark
1	2141481	IT for Communications	3 (3-0-6)	Lect.	1	Wed	08.00-11.00	2304/2	Ajarn. Tawan Paphapote Suthee Traivivatana, Ph.D. Asst. Prof. Atiwong Suchato, Ph. D. Thanyarat Singhanart, Ph.D.	ME ME CP ME	30	
2	2141490	Nano Seminar	1 (0-3-0)	SMNA.	1	Wed	13.00-16.00	2303/2	Staff	MET	30	
3	2141491	Research Methodology	2 (2-0-4)	Lect.	1	Sat	09.00-11.00	2303/1	Asst. Prof. Wuthichai Wongthatsaneorn, Ph.D. Oratai Jongprateep, Ph.D.	ISE ISE	30	
4	*2141473	Electronic Device II (Nano-Nano)	3 (3-0-6)	Lect.	1	Tue	13.00-16.00	2204	Chanin Wissawinthanon, Ph.D.	EE	40	
5	*2141475	Introduction to VLSI Technolgy (Nano-Nano)	3 (3-0-6)	Lect.	1	Mon Wed	11.00-12.30 11.00-12.30	2204 2204	Ajarn Bunchauy Supmonchai	EE	40	
6	*2141513 *2141553	Effective Problem Solving for Industry (Nano-Nano/Bio-Nano)	3 (3-0-6)	Lect.	1	Sat	14.00-17.00	2304/1	Pahnit Seriburi, Ph.D. Viriya Udomphol, Ph.D. Yuparwadee Satirakul, Ph. D	ISE ISE ISE	40	
7	*2141513 *2141553	Nanomaterial Synthesis by Aerosol Process (Nano-Nano/Bio-Nano)	3 (3-0-6)	Lect.	2	Mon Wed	16.00-17.30 16.00-17.30	2304/1 2304/1	Acharya Suriyawong, Ph.D.	ENV	40	
8	*2141591	Cell and Molecular Biology (Nano-Nano/Bio-Nano)	3 (3-0-6)	Lect.	1	Sat	11.00-14.00	2303/1	Pimporn Uttayarat, Ph. D. Kanokporn Boonyasirichai, Ph. D. Suwimol Jetawattana, Ph. D. Siriprapha Sanchatjate, Ph. D. Bunpote Siridechadilok, Ph.D.	ISE ISE ISE ISE ISE	40	
9	*2141511 *2141551	Microbionanotechnology (Nano-Nano/Bio-Nano)	3 (3-0-6)	Lect.	2	Tue	09.00-12.00	2304/1	Prof. Anthony Whalley	ISE	40	The first class will be held on Tue 27 Aug, 13
10	*2141417	Nanoelectronics	3 (3-0-6)	Lect.	2	Mon	13.00-16.00	2304/2	Anurat Wisitsoraat, Ph.D.	ISE	40	

* Approved Elective