

International School of Engineering

Schedule for NANO Program

2nd year, 2nd Semester Academic Year 2013

No.	Course No.	Course Name	Credit	Type	Sec	Date	Time	Room	Instructor	Dept.	Amount	Remark
1	2141263	Dynamics and Vibrations	3 (3-0-6)	Lect.	1	Wed Fri	15.00-16.30 15.00-16.30	2303/1 2303/1	Asst.Prof. Nopdanai Ajavakom, Ph.D.	ME	32	
2	2141273	Electronic Devices I	3 (3-0-6)	Lect.	1	Mon	13.00-16.00	2303/1	Anurat Wisitsoraat, Ph.D.	ISE	32	
3	2141274	Electrical and Electronics Laboratory	1 (0-3-0)	Lab	1	Tue	9.00-12.00	LAB EE	Asst. Prof. Arporn Teeramongkonrasmee, Ph.D. Asst. Prof. Charnchai Pluempitiwiriyaewej, Ph.D. Chanin Wissawinthanon, Ph.D. Asst. Prof. Thavatchai Tayjasanant, Ph.D. Asst. Prof. Widhyakorn Asdornwised, Ph.D. Yan Zhao, Ph.D.	EE EE EE EE EE ISE	32	
4	2310229	Biochemistry for NANO Engineers	4 (4-0-8)	Lect.	1	Mon Wed	9.30-12.00 9.30-12.00	2304/1 2304/1	Lerson Tanasugarn, Ph.D. Asst. Prof. Rath Pichyangkura, Ph.D. Asst. Prof. Suchart Chanama, Ph.D. Supaart Sirikantaramas, Ph.D. Assoc. Prof. Teerapong Buaboocha, Ph.D. Kuakaroon Krusong, Ph.D.	Science	32	
5	2603284	Statistic for Physical Science	3 (3-0-6)	Lect.	1	Fri	9.00-12.00	2304/1	Akarin Phaibulpanich, Ph.D.	BBA	32	

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Schedule for NANO Program

3rd year, 2nd Semester Academic Year 2013

No.	Course No.	Course Name	Credit	Type	Sec	Date	Time	Room	Instructor	Dept.	Amount	Remark
1	2141366	Transport Phenomena	3 (3-0-6)	Lect.	1	Mon Wed	13.00-14.30 13.00-14.30	2204 2204	Assoc. Prof. Anongnat Somwangthanaroj, Ph.D. Assoc.Prof. Decha Chatsiriveth, Ph.D. Assoc.Prof.Arthiwan Shotipruk, Ph.D.	CHEM CHEM CHEM	37	
2	2141368	Statistical Thermodynamics	3 (3-0-6)	Lect.	1	Wed	14.30-17.30	2204	Asst. Prof. Soorathep Kheawhom, Ph.D.	CHEM	37	
3	2141376	Control Engineering	3 (3-0-6)	Lect.	1	Mon	08.00-11.00	2304/2	Prof. David Banjerdpongchai, Ph.D. Assoc. Prof. Manop Wongsaisuwan, Ph.D.	EE	37	

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Schedule for NANO Program

4th year, 2nd Semester Academic Year 2013

No.	Course No.	Course Name	Credit	Type	Sec	Date	Time	Room	Instructor	Dept.	Amount	Remark
1	2141491	Research Methodology	2 (2-0-4)	Lect.	1	Sat	13.00-15.00	2205	Wuthichai Wongthatsaneorn, Ph.D. Oratai Jongprateep, Ph.D.	ISE	5	Only exchange (out-going) student.
2	2141490	Nano Seminar	1 (0-3-0)	SMNA	2	AR	AR	AR	Asst. Prof. Varong Pavarajarn, Ph.D.	CHEM	5	Only exchange (out-going) student.
3	2141481	IT for Communication	3 (3-0-6)	Lect.	1	Fri	09.00-12.00	2304/2	Ajarn. Tawan Paphapote	ME	5	Only exchange (out-going) student.
4	2141499	Nano Eng Project	3 (3-0-6)	IDPS	1	AR	AR		Asst. Prof. Varong Pavarajarn, Ph.D.	CHEM	24	
5	*2140101	Computer Programming for International Engineers (Compulsory Course-Nano, Approved Electives-Bio)	3 (3-0-6)	Lect.	1	Tue	09.00-12.00	2304/1	Ajarn Chate Patanothai	CP	40	
6	*2141350	Biological Interaction with Materials (Bio)	3 (3-0-6)	Lect.	1	Sat	09.00-12.00	2303/1	Niti Yongvanich, Ph.D. Pimporn Uttayarat, Ph.D.	ISE ISE	40	
7	*2141360	Failure Mode and Effect Analysis (Compulsory Course-Nano)	3 (3-0-6)	Lect.	1	Mon Wed Fri	14.00-16.00 14.00-16.00 14.00-16.00	2210 2210 2210	Prof. Authur McEvily Asst. Prof. Itthipon Diewwanit, Ph.D.	ISE	30	It will be started on Fri 24 Jan, 14.
8	*2141416	Micro and Nano -Electro Mechanical System (MEMS/NEMS) (Nano-Nano)	3 (3-0-6)	Lect.	1	Fri	13.00-16.00	2304/1	Asst. Prof. Alongkorn Pimpin, Ph.D. Adisorn Tuantranont, Ph.D. Anurat Wisitsoraat, Ph.D.	ME NECTEC NECTEC	40	
9	*2141347	Intro to Pharmaceutical Nanotechnology (Bio-Nano, Nano-Nano)	3 (3-0-6)	Lect.	1	Tue	13.00-16.00	2303/1	Asst. Prof. Sorada Kanokpanont, Ph.D.	CHEM	40	
10	*2141400	Principles of Nanostructured Materials (Bio-Nano, Nano-Nano)	3 (3-0-6)	Lect.	1	Wed	9.00-12.00	2204	Asst. Prof. Varong Pavarajarn, Ph.D.	CHEM	40	
11	2141270	Electrical Circuits	3 (3-0-6)	Lect.	1	TBA	TBA	TBA	Asst. Prof. Chanchana Tangwongsan, Ph.D.	EE	20	Orientation on Tue 28 Jan, 14 at 12.00-13.30, room no. 2205

*Approved Electives