

International School of Engineering

Schedule for NANO Program

2nd year, 2nd Semester Academic Year 2015

No.	Course No.	Course Name	Credit	Type	Sec	Date	Time	Bldg./Room	Instructor	Dept.	Amount	Remark
1	2182203	Probability and Statistics for Engineers	3 (3-0-6)	Lect.	1	Mon Fri	09.00-10.30 10.00-11.30	2210 2210	Asst. Prof. Charnchai Pluempitiwiriyawej, Ph.D. Asst. Prof. Widhyakorn Asdornwised, Ph.D.	EE	70	
					2	Mon Fri	09.00-10.30 10.00-11.30	2305 2305	Asst. Prof. Charnchai Pluempitiwiriyawej, Ph.D. Asst. Prof. Widhyakorn Asdornwised, Ph.D.	EE	70	
2	2182213	Electrical Circuit Laboratory	3 (3-0-6)	Lect.	4	Tue	10.00-13.00	EE LAB	Asst. Prof. Arporn Teeramongkonrasmee, Ph.D. Asst. Prof. Charnchai Pluempitiwiriyawej, Ph.D. Chanin Wissawinthanon, Ph.D.	EE	30	
					5	Thu	09.00-12.00	EE LAB	Asst. Prof. Thavatchai Tayjasanant, Ph.D. Asst. Prof. Widhyakorn Asdornwised, Ph.D. Yan Zhao, Ph.D.		20	
3	2182280	Semiconductor Devices I	3 (3-0-6)	Lect.	1	Wed	13.00-16.00	2305	Chanchana Thanachayanon, Ph.D.	EE	50	
4	2303111	Biology for Engineers	3 (3-0-6)	Lect.	1	Tue Fri	08.00-10.00 08.00-10.00	BIO I/224 BIO I/224	Nipada Ruankaew, Ph.D. Chutaphant Pinswasdi, Ph.D. Pataradawn Pinyopich, Ph.D. Sukanya Jaroenporn, Ph.D. Natapot Warrit, Ph.D. Nontivich Tandavanitj, Ph.D.	BIO	50	

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5	2303112	Biology Laboratory for Engineers	1 (0-3-0)	Lab.	1	Fri	13.00-16.00	MHMK/401	Noppadon Kitana, Ph.D. Assoc. Prof. Chanpen Chanchao, Ph.D. Asst. Prof. Buntika Areekul Butcher, Ph.D. Krieng Kanchanawatee, Ph.D. Jirarach Kitana, Ph.D. Chutaphant Pinswasdi, Ph.D. Chitchai Chantangsi, Ph.D. Chatchawan Chaisuekul, Ph.D. Natapot Warrit, Ph.D. Thanakul Wannaprs, Ph.D. Nontivich Tandavanitj, Ph.D. Nipada Ruankaew, Ph.D. Pataradawn Pinyopich, Ph.D. Amporn Wiwegweaw, Ph.D. Sittiporn Pattaradilokrat, Ph.D.	BIO	50	
6	2185222	Physical Chemistry for Nano-Engineering	3 (3-0-6)	Lect.	1	Mon Mon	10.30-12.00 13.00-14.30	2305 2305	Assoc. Prof. Varong Pavarajarn, Ph.D. Asst. Prof. Sorada Kanokpanont, Ph.D.	CHEM	50	
7	5501225	Technical Writing	3 (3-0-6)	Lect.	1	Wed	09.00-12.00	4M07/3	Aj. James Murphy	CULI	25	
					2	Wed	09.00-12.00	4M07/4	Aj. Richard Lemarie	CULI	25	

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Schedule for NANO Program

3rd year, 2nd Semester Academic Year 2015

No.	Course No.	Course Name	Credit	Type	Sec	Date	Time	Bldg./Room	Instructor	Dept.	Amount	Remark
1	2184303	Engineering Management	3 (3-0-6)	Lect.	1	Fri	09.00-12.00	3415	Asst.Prof. Natcha Thawesaengskulthai, Ph.D. Assoc. Prof. Damrong Thaveesaengsakulthai Asst. Prof. Boonwa Thapitakul, Ph.D Assoc. Prof. Vanchai Rijiravanich Phairoat Ladavichitkul, Ph.D. Assoc. Prof. Suthas Ratanakuakangwan	IE IE IE IE IE	31	
2	2185322	Thermodynamics for Nano-Engineering	3 (3-0-6)	Lect.	1	Tue	13.00-16.00	2304/1	Rehan Hussain, Ph.D	ISE	31	
3	2185333	Transport Phenomena	3 (3-0-6)	Lect.	1	Wed	13.00-16.00	2304/1	Rehan Hussain, Ph.D	ISE	31	
4	*2183411	Micro and Nanofabrication Technology (Nano Electronics)	3 (3-0-6)	Lect.	1	Thu	13.00-16.00	2303/1	Asst.Prof.Alongkorn Pimpin, Ph.D. Porpin Pungetmongkol, Ph.D. Wibool Piyawattanametha, Ph.D. Werayut Srituravanich, Ph.D.	ME ISE ISE ME	30	
5	*2185324	Molecular Chemistry (Nano Chemistry)	3 (3-0-6)	Lect.	1	Tue	09.00-12.00	2305	Asst.Prof.Sorada Kanokpanont, Ph.D. Porpin Pungetmongkol, Ph.D.	CHEM ISE	30	
6	*2141350	Biological Interfection with Materials (Nano Biomedical)	3 (3-0-6)	Lect.	1	Sat	09.00-12.00	2304/2	Asst. Prof. Niti Yongvanich, Ph.D. Pimporn Uttayarat, Ph.D.	ISE ISE	30	
7	*2141400	Principles of Nanostructured Materials (Nano Material)	3 (3-0-6)	Lect.	1	Wed	09.00-12.00	2303/1	Assoc.Prof.Varong Pavarajarn, Ph.D. Boonrat Lohwongwatana, Ph.D.	CHEM MT	30	

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Schedule for NANO Program

4th year, 2nd Semester Academic Year 2015

No.	Course No.	Course Name	Credit	Type	Sec	Date	Time	Bldg./Room	Instructor	Dept.	Amount	Remark
1	2141491	Research Methodology	2 (2-0-4)	Lect.	1	Sat	09.00-11.00	2303/1	Assoc.Prof. Wuthichai Wongthatsanekorn, Ph.D. Oratai Jongprateep, Ph.D.	ISE	10	
2	2141490	Nano Seminar	1 (0-3-0)	SMNA	2	AR	AR	AR	NANO Committee	ISE	10	
3	2141481	IT for Communication	3 (3-0-6)	Lect.	1	Fri	09.00-12.00	4M07/4	Ajarn. Tawan Paphapote	ME	10	
4	2141499	Nano Eng Project	3 (3-0-6)	IDPS	1	AR	AR		NANO Committee	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	
7	*2141360	Failure Mode and Effect Analysis (Compulsory Course-Nano)	3 (3-0-6)	Lect.	1	Tue Wed	14.30-16.00 14.30-16.00	2210 2210	Stanley Lynch, Ph.D.	ISE	40	
6	*2143210	Engineering Economics and Decision - Making Analysis (Bio-Nano, Nano-Nano)	3 (3-0-6)	Lect.	1	Mon	09.00-12.00	2304/2	Asst. Prof. Daricha Sutivong, Ph.D.	IE	40	
6	*2141418	Numerical Method (Bio-Nano, Nano-Nano)	3 (3-0-6)	Lect.	1	Wed	09.00-12.00	2304/1	Yan Zhao, Ph.D.	ISE	40	
7	*2141416	Micro and Nano -Electro Mechanical Systems (Nano-Nano)	3 (3-0-6)	Lect.	1	Fri	13.00-16.00	2304/2	Asst.Prof. Alongkorn Pimpin, Ph.D. Adisorn Tuantranont, Ph.D. Anurat Wisitsoraat, Ph.D. Werayut Srituravanich, Ph.D. Dr. Porpin Pungetmongkol, Ph.D.	ME NECTEC NECTEC ME ISE	40	
8	*2141477	Optoelectronics (Bio-Nano, Nano-Nano)	3 (3-0-6)	Lect.	1	Wed	13.00-16.00	4M07/4	Chanin Wissawinthanon, Ph.D.	EE	40	
9	*2141465	Introduction to Ergonomics (Bio-Nano)	3 (3-0-6)	Lect.	1	Mon	13.00-16.00	2303/1	Phairoat Ladavichitkul, Ph.D.	IE	40	
10	*2141551/ 2141511	Logic Design and Synthesis (Bio-Nano, Nano- Nano)	3 (3-0-6)	Lect.	1	Tue	13.00-16.00	4M07/2	Kong Kritayakirana, Ph.D.	ISE	40	
12	2310229	Biochemistry for NANO Engineers	4 (4-0-8)	Lect.	1	Mon Wed	09.30-12.00 09.30-12.00		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.	Biochem	4	