

Course Schedule of E2M at FE, NUOL  
Generation 4th

1st Semester

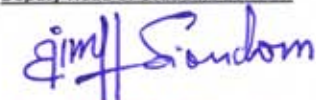
Basic Courses	Lecturer	MAY--2013	JUN--2013					JUL--2013				AUG--2013				SEP--2013					OCT--2013				NOV--2013
		31--	7--9	14--16	21--23	28--30	5--7	12--14	19--21	26--28	2--4	9--11	16--18	30-31	1--	6--7	13--15	20--22	27--29	4--6	11--13	18--23	25--30	1--3	
		1	2	3	4	5	6	7	8	9	10	11	12	13	13	14	15	16	17	18	19	20	21	22	
English Language course	NUOL	Orientation						Sat-AM	Sat-AM	Sat-AM	Sun-PM	Sun	Sat-AM	Sat-AM	Sat-AM		Sun-PM	Sun-PM	Excursion	Sun-PM	Sun-PM	Sun-PM	Sun-PM		
Mathematics	NUOL		Fri, Sat, Sun	Fri, Sat, Sun	Fri, Sat, Sun																				
Introduction to Environmental Engineering	NUOL																								
Hydrogeology	NUOL							Fri, Sat-PM, Sun	Fri, Sat-PM, Sun	Fri, Sat-PM, Sun	Fri, Sat														
Development Studies	NUOL											Sun	Sun		Sun	Sun-AM									
Research Methodology	NUOL									Fri, Sat, Sun-AM		Fri, Sat-PM	Fri, Sat-PM	Fri, Sat-PM		Fri, Sat	Fri, Sat-PM								
Introduction to Program.	Inviting																							Fri, Sat, Sun, Mon, Tue, Wed	
Environmental Chemistry	NUOL																Sat-AM, Sun-AM			Fri, Sat, Sun-AM	Fri, Sat, Sun-AM	Fri, Sat, Sun-AM	Fri		

Remark: Lecture 15 Hrs. per week (Friday 3 Hrs. @ 16.00-19.00, Saturday 6 Hrs. @ 9.00-12.00 & 13.00-16.00 and Sunday 6 Hrs. @ 9.00-12.00 & 13.00-16.00.)

Remark: Orientation on 31 May 2013 at 13:30, Room: R.02 (Graduation Building)  
Introduction to Programming teach on 25/10/2013 at 16:00-19:00, 26-27/10/2013 at 9:00-16:00 and 28-30/10/2013 at 16:00-19:00

Lecturers: English Language Course (3 CR or 45 hrs.)  
1.) Assoc. Prof. Vongdeuan Osay (NUOL)  
Ajan. Ladamchanh Khantry (NUOL)  
Mathematics (3 CR or 45 hrs.)  
2.) Prof. Dr. Sounthone Phommason (NUOL)  
Introduction to Environmental Engineering (3 CR or 45 hrs.) move to semester III  
3.) Dr. Khamasith Thammathavo (NUOL)  
Hydrogeology (3 CR or 45 hrs.)  
4.) Assoc. Prof. Nhinxay Visan (NOUL)  
Field Assessment (3 CR or 45 hrs.) move to semester III  
5.) Dr. Keophousone Phonhalath (NUOL)  
Research Methodology (3 CR or 45 hrs.)  
6.) Prof. Dr. Boualinh Soysouvanh (NUOL)  
Introduction to Programming (1.5 CR or 22.5 hrs.)  
7. Assoc. Prof. Dr. Bui Quoc Lap (WRU-Hanoi) move to semester III  
Environmental Impact Assessment (3 CR or 45 hrs.)  
8.) Dr. Bounsouk Souksavath (NUOL)

Date : 5 August 2013  
Deputy Head of Graduate Division



Assoc. Prof. Dr. Khamfeune SIOUDOM

Subject move from semester III

Development Studies (1.5 CR or 22.5 hrs.)  
1.) Assoc. Prof. Dr. Damdouane Khouangvichit  
Environmental Chemistry (3 CR or 45 hrs.)  
2.) Ajan. Panya Simonkhoun

Total Lecturers / Credits: 22.5 CR or 337.5 hrs. 23 Weeks

Course Schedule of E2M at FE, NUOL

Generation 4th

2nd Semester

Common Core Modules	Lecturer	OCT--2013		NOV--2013				DEC--2013					JAN--2014					FEB--2014					MARCH--2014			
		25-27	1-3	8-10	15-17	22-24	29-30	1--	6-8	13-15	20-22	27-29	3-5	10-12	17-19	24-26	31--	1-2	7-9	14-16	21-23	28--	1-2	7-9	12-16	21-23
		1	2	3	4	5	6	6	7	8	9	10	11	12	13	14	15	15	16	17	18	19	20	21	22	23
Project Management	NUOL																									
Applied Hydraulics	Inviting																Fri	Sat, Sun	Fri, Sat, Sun	Fri, Sat, Sun						
Renewable Energies	NUOL																						Sun	Thu, Fri, Sat & Sun-AM		
Remote Sensing + GIS	Inviting / NUOL						Fri, Sat	Sun		Fri, Sat, Sun																
Intergrated Water Resources Management	Inviting / NUOL											Sat, Sun			Fri, Sat, Sun								Fri, Sat	Sun-PM	Fri	
Solid & Hazardous Waste Management	Inviting / NUOL			Fri, Sat, Sun	Fri, Sat, Sun	Fri, Sat, Sun																				
Presentation and Writing Skill	Inviting																				Sat Sun	Fri	Sat Sun-AM			
Integrated Sanitation Management	Inviting												Fri, Sat, Sun-AM		Fri, Sat, Sun											

Remark: Lecture 15 Hrs. per week (Friday 3 Hrs.@16.00-19.00, Saturday 6 Hrs.@ 9.00-12.00 & 13.00-16.00 and Sunday 6 Hrs.@ 9.00-12.00 & 13.00-16.00)  
 HR Ex. (Thursday @16.00-19.00) and Final Ex. (Saturday or Sunday @ 9.00-12.00 & 13.00-16.00)

Lecturers:

- Project Management ( 1.5 CR or 22.5 hrs.)**
- 1.) Assoc. Prof. Dr. Saykhone Saynasine (NOUL)
- 2.) Ajan. Pipong Phimpachanh (NUOL)
- Applied Hydraulics (3 CR or 45 hrs.)**
- 2.) Prof. Dr. Hans-Burk Hard Hurlacher (Inviting)
- Renewable Energies ( 1.5 CR or 22.5 hrs.)**
- 3.) Prof. Dr. Khamphone Nanthavong (NUOL)
- Material Cycle Management (3 CR or 45 hrs.)**
- 4.) Assoc. Prof. Korakanh Pasomsouk (NUOL)
- Environmental Management and Technologies (3 CR or 45 hrs.)**
- 5.) Dr. Bounsouk Souksavath (NUOL)
- Hydrology and Hydraulic Computer Modeling (3 CR or 45 hrs.)**
- 6.) Assoc. Prof. Dr. Khamfeuane Sioudom (NOUL)
- Presentation and Writing Skill ( 1.5 CR or 22.5 hrs.)**
- 7.) Prof. Dr. Hubert Roth (University of Siegen)

move to semester III

move to semester III

move to semester III

Date : 12 February 2014  
 Deputy Head of Graduate Division



Assoc.Prof. Dr. Khamfeuane SIUODOM

Subject move from semester III

- Remote Sensing + GIS ( 3 CR or 45 hrs.)**
- 1.) Dr. Hoang Thanh (WRU-Vietnam)  
 Ajan Chankhachone Sonemanivong (NUOL)
- Intergrated Water Resources Management (3 CR or 45 hrs.)**
- 2.) Assoc. Prof. Dr. Le DinhThanh (WRU-Vietnam)  
 Assoc. Prof. Dr. Khamfeuane Sioudom (NUOL)
- Solid & Hazardous Waste Management ( 3 CR or 45 hrs.)**
- 3.) Chau Kim Heng (COMPED)  
 Assoc. Prof. Sombath Voravongsa (NUOL)
- Integrated Sanitation Management (1.5 CR or 22.5 hrs.)**
- 4.) Dr. Sandhya Babel (SIIT-Thailand)  
 Dr. Alice Sharp (SIIT-Thailand)

13-15/12/2013  
 29-30/11/2013, 1/12/2013 and 20-22/12/2013

17-19/1/2014  
 27-29/12/2013 and 3-5/1/2014

8-10/11/2013 and 15-17/11/2013  
 22-24/11/2013

10-12/1/2014  
 24-26/1/2014

Total Lecturers / Credits:

16.5 CR or 247.5 hrs.

23 Weeks.

# Course Schedule of 4th Batch on Environmental Engineering and Management at FE, NUOL

3rd Semester

Specialisation I & II	Lecturer	MARCH-2014		APRIL-2014					MAY-2014					JUNE-2014					JULY-2014					AUG-2014					SEP-2014					OCT-2014					NOV-2014				
		21-23	28-30	4-6	11-13	18-20	25-27	31	2-4	9-11	16-18	23-25	30-31	1-3	8-10	13-15	20-22	27-29	4-6	11-13	18-20	25-27	1-3	8-10	15-17	22-24	29-31	5-7	12-14	19-21	26-28	3-5	10-12	17-19	24-26	31	1-2	7-9	14-16				
Introduction to Environmental Engineering	NUOL	Fri, Sat, Sun	Fri, Sat, Sun																																								
Material Cycle Management	NUOL																																										
Project Management	NUOL																																										
Environmental Management and Technologies	NUOL																																										
Hydrology and Hydraulic Computer Modeling	NUOL	Sat, Sun																																									
Environmental Law	NUOL																																										
Field Assessment	NUOL																																										
Environmental Impact Assessment	NUOL																																										
<b>LAO NEW YEAR 2014</b>																																											
I.) Water Engineering																																											
Integrated Water Resources Management	(Finished)																																										
Environmental Chemistry	(Finished)																																										
Waste Water Engineering	NUOL																																										
Elective course: Integrated Sanitation Manag.	(Finished)																																										
II.) Ecological Engineering																																											
Air and Noise Pollution	NUOL																																										
Solid & Hazardous Waste Management	(Finished)																																										
Industry Pollution Control	NUOL																																										
Elective course: Integrated Sanitation Manag.	(Finished)																																										

Remark: Lecture 15 Hrs. per week (Friday 3 Hrs. @16.00-19.00, Saturday 6 Hrs. @ 9.00-12.00 & 13.00-16.00, and Sunday 6 Hrs. @ 9.00-12.00 & 13.00-16.00)

HR Ex. (Thursday @16.00-19.00) and Final Ex. (Saturday or Sunday @ 9.00-12.00 & 13.00-16.00)

**Holiday:** Lao New Year 2014 : 11-20/4/2014

**Lecturers:** Remote Sensing + GIS ( 3 CR or 45 hrs.) move to semester II  
 1.) Dr. Hoang Thanh (WRU-Vietnam) / Ajan Chankhachone Sonemanivong (NUOL)  
 Environmental Law (1.5 CR or 22.5 hrs.)  
 2.) Prof. Dr. Boualinh Soysouvanh (NUOL)  
 Development Studies (1.5 CR or 22.5 hrs.) move to semester I  
 3.) Assoc. Prof. Dr. Daimouane Khouangvichit

**Subject move from semester I & II**

Project Management ( 1.5 CR or 22.5 hrs.)  
 1.) Assoc. Prof. Dr. Saykhone Saymasine (NOUL)  
 2.) Ajan Pipong Phimpachanh (NUOL)  
 Introduction to Environmental Engineering (3 CR or 45 hrs.)  
 3.) Dr. Khamasith Thammathevo (NUOL)  
 Material Cycle Management (3 CR or 45 hrs.)  
 4.) Assoc. Prof. Korakanh Pasomsouk (NUOL)  
 Environmental Management and Technologies (3 CR or 45 hrs.)  
 5.) Dr. Bounsouk Souksavath (NUOL)  
 Hydrology and Hydraulic Computer Modeling (3 CR or 45 hrs.)  
 6.) Assoc. Prof. Dr. Khamfeune Sioudom (NOUL)  
 Field Assessment (3 CR or 45 hrs.)  
 7.) Dr. Keophousone Phonhalath (NUOL)  
 Environmental Impact Assessment (3 CR or 45 hrs.)  
 8.) Dr. Bounsouk Souksavath (NUOL)

Total Lecturers / All Option :

16.5 CR or 247.5 hrs per option

All option = 33 Weeks.

**Option I** Integrated Water Resources Management (3 CR or 45 hrs.)  
 1.) Assoc. Prof. Dr. Le DinhThanh (WRU-Vietnam) / Assoc. Prof. Dr. Khamfeune Sioudom (NUOL) move to semester II  
 Environmental Chemistry (3 CR or 45 hrs.) move to semester I  
 2.) Ajan Panya Chanthavong  
 Waste Water Engineering (3 CR or 45 hrs.)  
 3.) Assoc. Prof. Dr. Amphone Vongvixay (NUOL)  
 Elective : Integrated Sanitation Management (1.5 CR or 22.5 hrs.) move to semester II  
 4.) Dr. Sandhya Babel (SIIT-Thailand) / Dr. Alice Sharp (SIIT-Thailand)

**Option II** Air and Noise Pollution (3 CR or 45 hrs.)  
 1.) Assoc. Prof. Sombath Voravongsa (NUOL)  
 Solid & Hazardous Waste Management (3 CR or 45 hrs.)  
 2.) Chau Kim Heng (COMPED) / Assoc. Prof. Sombath Voravongsa (NUOL)  
 Industry Pollution Control (3 CR or 45 hrs.) move to semester II  
 3.) Dr. Bouheng Southichack  
 Elective : Integrated Sanitation Management (1.5 CR or 22.5 hrs.) move to semester II  
 4.) Dr. Sandhya Babel (SIIT-Thailand) / Dr. Alice Sharp (SIIT-Thailand)

Date : 8 April 2014

Deputy Head of Graduate Division

  
 Assoc. Prof. Dr. Khamfeune SIUDOM

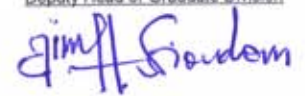
Course Schedule of E2M at FE, NUOL  
Generation 4th

4th Semester		NOV--2014			DEC 2014 to FEB 2015			MARCH--2015					APRIL--2015				MAY--2015					JUNE to JULY 2015			AUG--2015				SEP--2015				
Internship & Thesis	Remark	14--16	21--23	28--30	4	To	16	1--	6--8	13--15	20--22	27--29	3--5	10--	17--	24--	1--3	8--10	15--17	22--24	29--31	30	To	37	7--9	38	39	40	41	42	43	44	45
		1	2	3				16	16	17	18	19	20	21	22	23	24	25	26	27	28	29											
Internship and/or data collection		Take Course																															
Thesis Writing																																	
Thesis draft submission																																	
Thesis draft correction																																	
Thesis final Submission																																	
Defense preparation	During this period																																
Thesis Defense																																	
Thesis submission to NUOL																																	
Graduation Ceremony	(October 2015)																																

Remark: Project Modules 16 Hrs. per week (Friday 3 Hrs. @16.00-19.00, Saturday 6 Hrs. @ 9.00-12.00 & 13.00-16.00 and Sunday 6 Hrs. @ 9.00-12.00 & 13.00-16.00)  
HR Ex. (Thursday @16.00-19.00) and Final Project. (Saturday or Sunday @ 9.00-12.00 & 13.00-16.00)

- Project Modules:
- Practical Training (4.5 CR or 67.5 hrs.)
    - 1.) Prof. Dr. Hubert Roth and Dr. Khamfeuane Sioudom
  - Master Thesis (12 CR or 180 hrs.)
    - 2.) All Professor concerned

Total Project Modules: 16.5 CR or 247.5 hrs. 17 weeks

Date : 21 April 2014  
Deputy Head of Graduate Division  
  
Assoc.Prof. Dr. Khamfeuane SIOUDOM