

# Guideline Internship and Thesis Preparation for I5 (2021-2022)

February 4<sup>th</sup>, 2022

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# Content



INTERNSHIP  
INFORMATION



CHOOSING ADVISORS



REGULATION



KEY DATES OF  
INTERNSHIP AND  
THESIS



OTHER....

# Internship information



Duration: 3 months from Feb 21<sup>st</sup> to May 28<sup>th</sup>, 2022



ITC may provide supporting letter for seeking the training place



The training place will have to provide evaluation sheet to trainee upon completion the training

[https://c3da8db7-467d-4957-b664-46910fc16c9a.filesusr.com/ugd/595897\\_3e145b7023c34369a5ce66596aec89b7.pdf](https://c3da8db7-467d-4957-b664-46910fc16c9a.filesusr.com/ugd/595897_3e145b7023c34369a5ce66596aec89b7.pdf)



List of training places: <https://www.hreitc.com/companies-address>



Be able occasionally come to meet with advisor



The internship can be at:

ITC under any appropriate research works

Private companies: contractor, consulting firms, project owners

NGOs or IO

Public institutions: technical ministries or autonomous authorities

# Areas of internship for WEE

- Water Supply
- Water treatment
- Wastewater collection and drainage systems
- Urban water management and flood modelling
- Wastewater treatment
- Water quality analysis and management
- Groundwater resources and management including quantity and quality
- Plumbing and fire protection system
- Solid waste management/ Hazardous waste management
- Ecology and natural resources engineering and management
- Environmental impact assessment
- Atmospheric Environmental Engineering related
- Watershed and river basin management
- Geographic Information System/ Remote Sensing

# Areas of internship for WRI

- Water related infrastructure including bridge and culvert, riverbank stability design, dam and reservoir,
- Foundation for infrastructure and retaining wall
- Road design and construction,
- River hydraulics, river engineering and river basin management
- Hydropower study and construction
- Irrigation design and construction
- Irrigated water management
- Flood risk management
- Water Scarcity and Drought
- Groundwater resources and management including quantity and quality
- Topography study
- Geographic Information System/ Remote Sensing

# Remark

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- WEE or WRI students are not permitted to do internship related to BUILDING CONSTRUCTION
- WEE students are not permitted to do internship related to irrigation design and construction
- WRI students are not permitted to do internship related to water supply and wastewater treatment, design and construction

# How to request for your relevant advisers?



# List of available advisors in the faculty

N	Name	Fields of study	Contact-Phone
1	Kong CHHUON	Water balance analysis and land use change modelling	010957037
2	Vannak ANN	Water-Soil-Plant-Macro/Microorganisms Interaction and Biodiversity, Hydrologic Processes (or Modeling) in a River Basin, Climate Change-related Topics	015563170
3	Sambo LUN	Hydrogeology, Water Supply	078 844 984
4	Borith LONG	Road Design	017 220004
5	Khy Eam EANG	Water Quality Analysis and Industrial Wastewater Treatment, Geochemical Modeling, Environmental Geochemistry	012311110
6	Pinnara KET	Irrigation and drainage system	078900477
7	Samreth LIM	Reinforced Concrete Design, Design of basement wall and retaining wall	017 727 226
8	Saret BUN	Water/Wastewater Quality and Treatment Processes Design; Groundwater Use and Treatment; Urban Water Management	068721111
9	Leakheha HANG	Air Quality modeling	012594527
10	Sytharith PEN	hydrology and hydraulics experimental and numerical analysis	016320332
11	Rithy OUCH	Foundation, soil mechanics, geotechnics	092 996 638
12	Ty SOK	Hydrology and sediment	011 098 698
13	Layheang SONG	Hydrology and sediment	092 796 466
14	Ketya HUN	Structure and construction	089 834 452
15	Huor VENG	Groundwater and wastewater	011 649 352
16	Salpisey HENG	Foundation, soil mechanics, geotechnics	012 687 218
17	Rina HEU	Watertreatment, water supply	070 578 123
18	Sothoan YOANG	Foundation, soil mechanics, geotechnics	096 991 4599
19	Rathborey CHAN	Wastewater, water quality	093 628 095
20	Rathboren CHAN	Wastewater, water quality	093 628 124
21	Lengthong KIM	Survey, hydraulic modeling	077 828 511
22	Senrong SOU	Construction material, concrete	011 222 133
23	Rattana CHIN	Hydrology, climate change	081 511 171
24	Chan Arun PHOEUNG	Water supply, Irrigation	092 871 790
25	Sokanya LON	Structure and construction	

Click here for [List of Adviser](http://surl.li/bpkxs)  <http://surl.li/bpkxs>



Lab/team/project:  
<https://labwe.wordpress.com/>



HEIP-WorldBank  
Dr. KET Pinnara, Dr. Chhin Ratana, Ms. PHOEURN Chan Arun





## Regulations/Condition

- **Eligibility of submission final thesis for defense**
  - Have complete thesis
  - Have consultation sheet with advisor
- **Eligible to make defense**
  - Committee endorses the thesis, at least 3/5
  - At least have 5 times with advisor on consultation sheet
- **To pass examination (defense)**
  - Have made the defense on the assigned date and time
  - Get pass result from each committee member at least 3/5
- **To graduate**
  - Submitted complete thesis
  - Submitted approval sheet with signature at least 3/5 members of committee

# Thesis Consultation Attendance

- - At least 5 times of consultation with adviser.
- - Submit the same time with submission of Revised final draft of thesis and submit to Faculty
- Link download:  
<https://www.hreitc.com/forms>



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Faculty of Hydrology and Water Resources Engineering

## Thesis Consultation Attendance

Name of student:.....

Name of Adviser:..... WEE  ;WRI

No.	Date of Meeting	Point of Discussion	Student Signature	Adviser Signature
1				
2				
3				
4				
5				

*This is to certify that the student is allowed to submit thesis to faculty.*

Date.....

Signature of adviser.....

# Internal regulation

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## ប្រការ ៥៩ ៖ ការដាក់ពិន្ទុគម្រោងបញ្ចប់ការសិក្សា

ពិន្ទុគម្រោងបញ្ចប់ការសិក្សា សម្រាប់និស្សិតថ្នាក់ឆ្នាំបញ្ចប់គ្រប់កម្រិត ជាការគិតបញ្ចូលគ្នានៃពិន្ទុវាយតម្លៃដូចខាងក្រោម៖

- ១ ពិន្ទុចុះធ្វើកម្មសិក្សាមាន ៣០%
- ២ ពិន្ទុនៃការសរសេរគម្រោងបញ្ចប់ការសិក្សាមាន ៣០%
- ៣ ពិន្ទុនៃការឡើងការពារបញ្ចប់ការសិក្សាមាន ៤០%។

ក្នុងករណីនិស្សិតបានទទួលពិន្ទុណាមួយក្រោម៥០% ក្នុងចំណោមពិន្ទុទាំងបីខាងលើ ត្រូវចាត់ទុកថាធ្លាក់ពិន្ទុគម្រោងបញ្ចប់ការសិក្សាថ្នាក់ឆ្នាំបញ្ចប់។

គម្រោងបញ្ចប់ការសិក្សារបស់និស្សិតថ្នាក់ឆ្នាំបញ្ចប់គ្រប់កម្រិតសិក្សា មានចំនួន៩ក្រេឌីត ត្រូវយកទៅគិតបញ្ចូលក្នុងការគណនាមធ្យមភាគប្រចាំឆ្នាំបញ្ចប់។ ពិន្ទុកម្មសិក្សា ត្រូវចុះនៅលើព្រឹត្តិបត្រពិន្ទុជាប្រភេទ ពិន្ទុនិទ្ទេស ជាអក្សរ ពី A ដល់ F តាមបែបបទដូចក្នុងប្រការ ៥៦។

## Key dates of internship and thesis

N	Activities	Party	Date	Remark
1	Orientation seminar on internship and thesis	Student and Faculty	2/4/2022	
2	Period of seeking for advisor	Students		
3	Period of seeking internship places	Students		
4	Internship starting date	Students	2/21/2022	
5	Final advisor by Dept.	Faculty	3/4/2022	2 weeks after internship
6	1 st Consultation	Students and advisor	3/11/2022	
7	2 st Consultation	Students and advisor	4/30/2022	
8	3 st Consultation	Students and advisor	5/28/2022	At least meet advisor 3 times before ending the internship
9	<b>Internship ending date</b>	<b>Stuents</b>	<b>5/28/2022</b>	
10	4 st Consultation	Students and advisor	6/11/2022	
11	Final draft of thesis to advisor	Students	6/11/2022	
12	Final review and comments from Advisor	Advisor	6/18/2022	
13	Final draft of thesis for Dept.	Student and Faculty	6/20/2022	
14	Committee of examiners	Faculty	6/22/2022	
15	Announcement defense list	Faculty	7/6/2022	
16	First Thesis Defense	Stuents	7/11/2022	
17	Revision and submission of complete thesis	Stuents	7/21/2022	
18	Announcement results	Faculty	7/25/2022	
19	Final draft of thesis for Dept., 2nd defense	Student and Faculty	8/31/2022	
20	Second Thesis Defense	Stuents	9/5/2022	
21	Revision and submission of complete thesis	Stuents	9/14/2022	
22	Announcement results	Faculty	9/16/2022	