## Master of Information Systems at LKC FES (Sg Long Campus)

### Programme Structure

#### By Coursework and Project:

**Coursework (Credit hours: 40):** 5 major + 5 electives; and Project

<table>
<thead>
<tr>
<th>No.</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Type</th>
<th>Credit hours</th>
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<tr>
<td>1</td>
<td>MECM15110</td>
<td>Project</td>
<td>Major</td>
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<tr>
<td>2</td>
<td>MECG10303</td>
<td>Research Methods in Science and Engineering</td>
<td>Major</td>
<td>3</td>
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<tr>
<td>3</td>
<td>MECM15503</td>
<td>Software Project Framework</td>
<td>Major</td>
<td>3</td>
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<tr>
<td>4</td>
<td>MECM17003</td>
<td>Analysis and Design of Software Systems</td>
<td>Major</td>
<td>3</td>
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<tr>
<td>5</td>
<td>MECM17403</td>
<td>Database Management System</td>
<td>Major</td>
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<tr>
<td>6</td>
<td>MECM17203</td>
<td>E-Business and E-Commerce Management</td>
<td>Major</td>
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<td>7</td>
<td>MXXXYYY03</td>
<td>Elective I, II, III, IV, V</td>
<td>Elective</td>
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#### Elective I, II, III, IV, V (Choose FIVE only)

1. MECG16503 Advanced Network Security
2. MECM16003 Strategic Knowledge Management
3. MECM16103 Information Systems for Market Intelligence
4. MECM16203 Advanced Project management
5. MECG16303 Enterprise Resource Planning Systems
6. MECM16403 Interactive Multimedia Learning
7. MECM16503 IT Outsourcing
8. MECM16603 Customer Relationship Management Systems
9. MECM16703 Strategic Change Management
10. MECM17103 Advanced Database
11. MECG10203 Directed Readings
12. MECG15203 Enterprise Information System Architectures
13. MECM15303 Strategic Management and Information Systems
14. MECG15403 Web Services
15. MECM17303 Project Management
16. MEBH15303 Project Time, Cost and Quality Management
17. MEBH15403 Project Human Resource Management
18. MEBH15503 Project Risk and Procurement Management
19. MEBH15603 Project Knowledge and Communication Management
20. MKTA16903 Entrepreneurship
21. MKMG16103 Organizational Behaviour and Analysis

### Intakes: Jan, May & Oct

#### Duration

- Full-time: Minimum 1 year; Maximum 4 years
- Part-time: Minimum 2 years; Maximum 6 years

### Indicative Fee (RM)

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<tr>
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<th>Malaysian</th>
<th>International</th>
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<tr>
<td>Full-time</td>
<td>RM 17,300.00</td>
<td>RM 26,440.00</td>
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<tr>
<td>Part-time</td>
<td>RM 17,900.00</td>
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</tbody>
</table>

**Head of Programme**

Dr Wong Whee Yen

Email: wongwy@utar.edu.my
<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>CV Link</th>
<th>Research Areas / Expertise</th>
</tr>
</thead>
</table>
| Dr Tay Yong Haur            | tayyh@utar.edu.my    | [http://www.utar.edu.my/cv/index.jsp?cv=tayyh&reqPageId=aboutMe](http://www.utar.edu.my/cv/index.jsp?cv=tayyh&reqPageId=aboutMe) | - Artificial Intelligence  
- C/C++  
- Computer Programming  
- Computer Vision  
- Deep Learning  
- Handwriting Recognition  
- Image Processing  
- Intelligent Transport Systems  
- Low-level computer programming  
- Machine Learning  
- Neural Networks  
- Pattern Recognition |
| Mr Wong Chim Chwee          | wongcc@utar.edu.my   | [http://www.utar.edu.my/cv/index.jsp?cv=wongcc&reqPageId=aboutMe](http://www.utar.edu.my/cv/index.jsp?cv=wongcc&reqPageId=aboutMe) | - Software Project Management  
- Data Mining |
| Dr Sugumaran a/l Nallusamy | sugumaran@utar.edu.my| [http://www.utar.edu.my/cv/index.jsp?cv=sugumaran&reqPageId=aboutMe](http://www.utar.edu.my/cv/index.jsp?cv=sugumaran&reqPageId=aboutMe) | - Database  
- Knowledge Management  
- Program Understanding  
- Software Maintenance |
<table>
<thead>
<tr>
<th>Name</th>
<th>Email Address</th>
<th>CV Link</th>
<th>RESEARCH AREA / EXPERTISE</th>
</tr>
</thead>
</table>
| Ms Chow Mee Mooi              | Email me at: chowmm@utar.edu.my | View my CV at: http://www.utar.edu.my/cv/index.jsp?cv=chowmm&reqPageId=aboutMe | • E-Commerce and Social Network  
• Information System Management                                                                                                                             |
| Dr. Victor Tan Hock Kim       | Email me at: hktan@utar.edu.my  | View my CV at: http://www.utar.edu.my/cv/index.jsp?cv=hktan&reqPageId=aboutMe | • Cloud and Distributed Computing  
• Network Security Infrastructure                                                                                                                             |
| Ir. Dr. Lee Wah Peng          | Email me at: leewp@utar.edu.my  | View my CV at: http://www.utar.edu.my/cv/index.jsp?cv=leewp&reqPageId=aboutMe | • Industrialised building system (IBS)  
• Quantity surveying  
• Project Management                                                                                                                                       |
| Dr Wong Whee Yen              | Email me at: wongwy@utar.edu.my | View my CV at: http://www.utar.edu.my/cv/index.jsp?cv=wongwy&reqPageId=aboutMe | • Six Sigma in IT Project Management  
• Quality Improvement Methodologies in the context of IT Project Management  
• The "Maturity Model" and "Excellence of Project Management" in the context of Quality Management in IT Project Management |
| Ms Mariam Nainan a/p T. K. Nainan | Email me at: mariam@utar.edu.my | View my CV at: http://www.utar.edu.my/cv/index.jsp?cv=mariam&reqPageId=aboutMe | • Software Engineering  
• Computer Science Education                                                                                                                                    |
<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>CV Link</th>
<th>Research Area / Expertise</th>
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<tbody>
<tr>
<td>Ms Beh Hooi Ching</td>
<td><a href="mailto:behhc@utar.edu.my">behhc@utar.edu.my</a></td>
<td><a href="http://www.utar.edu.my/cv/index.jsp?cv=behhc&amp;reqPageId=aboutMe">http://www.utar.edu.my/cv/index.jsp?cv=behhc&amp;reqPageId=aboutMe</a></td>
<td>- HCI/Child Computer Interaction (CCI)&lt;br&gt;- Educational multimedia&lt;br&gt;</td>
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<tr>
<td>Ms Hoo Meei Hao</td>
<td><a href="mailto:hoomh@utar.edu.my">hoomh@utar.edu.my</a></td>
<td><a href="http://www.utar.edu.my/cv/index.jsp?cv=hoomh&amp;reqPageId=aboutMe">http://www.utar.edu.my/cv/index.jsp?cv=hoomh&amp;reqPageId=aboutMe</a></td>
<td>- Usability engineering&lt;br&gt;- Usability pattern&lt;br&gt;- Interaction design&lt;br&gt;</td>
</tr>
<tr>
<td>Mr Lim Khong Leng</td>
<td><a href="mailto:limkl@utar.edu.my">limkl@utar.edu.my</a></td>
<td><a href="http://www.utar.edu.my/cv/index.jsp?cv=limkl&amp;reqPageId=aboutMe">http://www.utar.edu.my/cv/index.jsp?cv=limkl&amp;reqPageId=aboutMe</a></td>
<td>- Routing protocol&lt;br&gt;</td>
</tr>
<tr>
<td>Dr. Madhavan A/L Balan Nair</td>
<td><a href="mailto:madhavan@utar.edu.my">madhavan@utar.edu.my</a></td>
<td><a href="http://www.utar.edu.my/cv/index.jsp?cv=madhavan&amp;reqPageId=aboutMe">http://www.utar.edu.my/cv/index.jsp?cv=madhavan&amp;reqPageId=aboutMe</a></td>
<td>- Decision Support System&lt;br&gt;- Computer Network Design and Optimisation&lt;br&gt;</td>
</tr>
<tr>
<td>Mr Ooi Ean Huat</td>
<td><a href="mailto:ooieh@utar.edu.my">ooieh@utar.edu.my</a></td>
<td><a href="http://www.utar.edu.my/cv/index.jsp?cv=ooieh&amp;reqPageId=aboutMe">http://www.utar.edu.my/cv/index.jsp?cv=ooieh&amp;reqPageId=aboutMe</a></td>
<td>- Mobile Application Development&lt;br&gt;- Computer Network Design and Optimisation&lt;br&gt;</td>
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<tr>
<td>Name</td>
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<td>CV Link</td>
<td>Expertise</td>
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<td>-------------------------------------------------------------------------</td>
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</table>
2. Parallel Processing                                                      |
2. Programming  
3. Educational application development                                        |
| Mr. Lim Chai Chai         | limcc@utar.edu.my    | [http://www.utar.edu.my/cv/index.jsp?cv=limcc&reqPageId=aboutMe](http://www.utar.edu.my/cv/index.jsp?cv=limcc&reqPageId=aboutMe) | 1. Contract Administration  
2. Construction Project Management  
3. Procurement Management  
4. Risk Management                                                            |
| Dr. Law Kian Aun          | lawka@utar.edu.my    | [http://www.utar.edu.my/cv/index.jsp?cv=lawka&reqPageId=aboutMe](http://www.utar.edu.my/cv/index.jsp?cv=lawka&reqPageId=aboutMe) | 1. Knowledge Management in construction  
2. Project Management  
3. Property Development  
4. Structural Engineering Management                                            |
| View my CV at: | • Cultural Studies  
| http://www.utar.edu.my/cv/index.jsp?cv=lawka&reqPageId=aboutMe | • Strategic Management  
| | • Human Resource Development  
| | • Interdisciplinary Research: Management and Cultural Values System  

| Dr Wong Hong Chau | RESEARCH AREA / EXPERTISE  
| Email me at: wonghc@utar.edu.my | • Financial sector and economic development  
| View my CV at: http://www.utar.edu.my/cv/index.jsp?cv=wonghc&reqPageId=aboutMe |