

# MS in Industrial Management (Evening Program) Curriculum Flow Chart (2012-13)

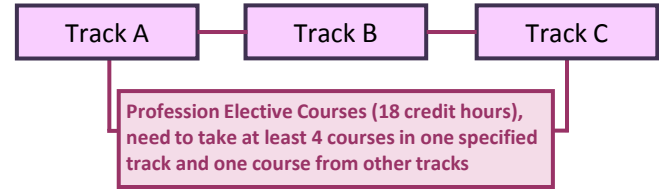
PLEASE SEE THE DEPARTMENT OFFICE (ADMINISTRATION BLDG., RM. 1612-1) IF YOU NEED ASSISTANCE OR CALL (+886-7-6577711 EXT. 5503)

## Education Goals

- Possess professional and practical expertise
- Expressing abilities
- Possess global industrial development analytical skills
- Think innovatively
- Possess problem solving skills
- Possess professional IT and software application skills

Required Courses: 12 credits

Elective Courses: 18 credits



| Freshman Semester 1  | Freshman Semester 2  | Sophomore Semester 3  | Sophomore Semester 4   |
|--|--|---|--|
| <p><b>Advanced topics in Industrial Management (3)</b></p> <ul style="list-style-type: none"> <li>Operations Management (3 /A)</li> <li>Operations Research (3 /B)</li> <li>Human Resource Management (3 /C)</li> <li>Organization Theory and Management (3 /C)</li> <li>Research Methodology (3 /C)</li> <li>Logistics Management (3 /AB)</li> <li>Knowledge Management (3 /BC)</li> <li>Fuzzy Set Theory (3 /ABC)</li> </ul> | <p><b>Technology English Writing (3)</b></p> <ul style="list-style-type: none"> <li>Experimental Design(3 /ABC)</li> <li>Neural Networks (3 /ABC)</li> <li>Heuristic Algorithms (3 /B)</li> <li>Strategic Management(3 /C)</li> <li>Labor issues (3 /C)</li> <li>Systems Simulation (3 /AB)</li> <li>Decision Analysis (3 /BC)</li> <li>Project Management (3 /ABC)</li> </ul> | <p><b>Independent Study I (3)</b></p> <ul style="list-style-type: none"> <li>Innovation and Research Management (3 /AC)</li> <li>Management Information System (3 /ABC)</li> <li>Industrial Management Software Application (3 /ABC)</li> </ul> | <p><b>Independent Study II (3)</b></p> <ul style="list-style-type: none"> <li>Total Quality Management (3 /A)</li> <li>The Operational Models of Electronic Enterprise (3 /ABC)</li> <li>Service Operations Management (3 /AC)</li> <li>Customer Relationship Management (3 /BC)</li> <li>Enterprise Resource Planning (3 /ABC)</li> </ul> |
| <p>---&gt; Courses in order recommended</p> <p><b>Total Required Credits: 30</b></p>   |  |   |  |