antwerp management school

# Leveraging the e-CF in research & educational programs

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# E-skills required

- Technical skills in combination with business understanding
  - developers/system analysts/enterprise architects
    vs. product and service portfolio/business value creation
- High dependence on external service providers
- Business/IT alignment on organisational and personal level

# Format

- Short term and long term education
  - Every 3 weeks a session of 2 days
  - Thursdays 2pm – 10pm / Fridays 9am – 17pm
  - Only 1,5 FTE day of opportunity cost per 3 weeks
  - Knowledge sharing across IT governance and EA professionals
- Company specific program
  - Tailor-made for company
  - Schedule and workload is flexible (1 day, sessions of 2 days, …)
- Pilot project
  - Flip-the-class-room
  - More efficient use of time in class room / flexibility to prepare and study

# Format

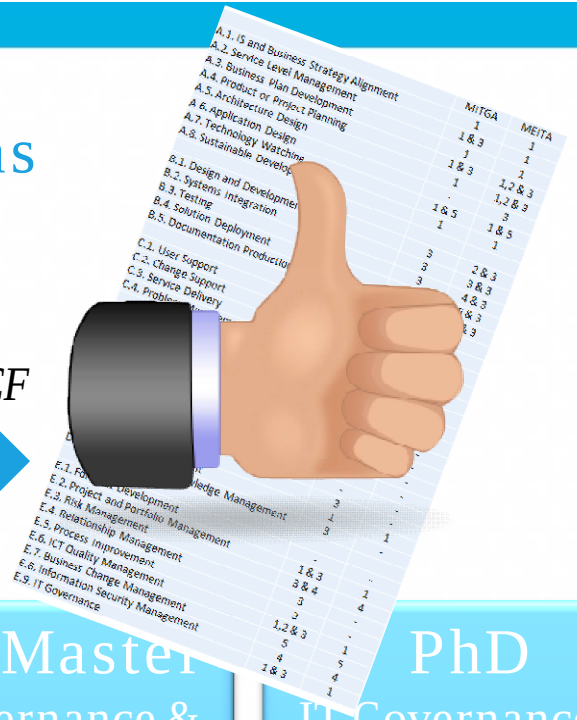
- Instructors:
  - internal faculty (AMS/UA) – many experience in executive teaching!
  - external experts if valuable
- Courses:
  - grounded in theory and rooted in practice
  - highly interactive, competence-based, discussions
  - case examples from prior research and LEAD project research
  - effective in learning and flexible in schedule
- Successful SMEs may be invited to share their experience and approach

# Demonstration I: competency areas

## Mapping curricula to E-CF

Research and education

*Mapping to e-CF*




**Bachelor**
Business Engineering & Information Systems

**Master**
Business Engineering & Information Systems

IT Gover-nance

Archi-tecture / NS

**Exec Master**
IT Governance & Assurance

Enterprise IT Architecture

**PhD**
IT Governance & Assurance

Enterprise IT Architecture

**Research**
Grounded in science – rooted in practice

IT Governance

Enterprise/IT Architecture / Normalized Systems

# Demonstration I: competency areas

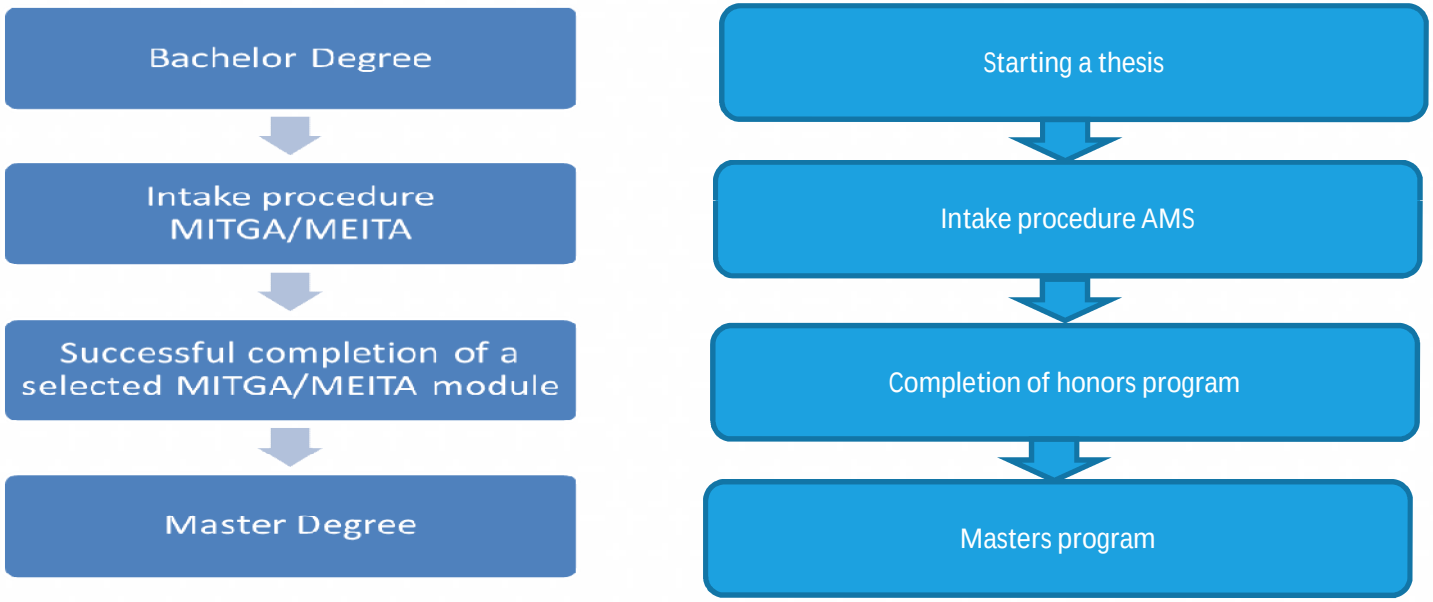
## Mapping curricula to E-CF

| | MITGA | MEITA |
|---|---|---|
| A.1. IS and Business Strategy Alignment | xx | xx |
| A.2. Service Level Management | xx | x |
| A.3. Business Plan Development | x | x |
| A.4. Product or Project Planning | xx | xx |
| A.5. Architecture Design | x | xx |
| A.6. Application Design | x | xx |
| A.7. Technology Watching | x | x |
| A.8. Sustainable Development | x | x |
| B.1. Design and Development | x | xx |
| B.2. Systems Integration | x | xx |
| B.3. Testing | x | xx |
| B.4. Solution Deployment | x | xx |
| B.5. Documentation Production | x | xx |
| C.1. User Support | x | |
| C.2. Change Support | x | |
| C.3. Service Delivery | x | |
| C.4. Problem Management | x | |

| | | |
|---|---|---|
| D.1. Information Security Strategy Development | xx | xx |
| D.2. ICT Quality Strategy Development | xx | x |
| D.3. Education and Training Provision | x | |
| D.4. Purchasing | x | |
| D.5. Sales Proposal Development | | |
| D.6. Channel Management | | |
| D.7. Sales Management | | |
| D.8. Contract Management | x | |
| D.9. Personnel Development | x | x |
| D.10. Information and Knowledge Management | x | |
| E.1. Forecast Development | | |
| E.2. Project and Portfolio Management | xx | x |
| E.3. Risk Management | xx | x |
| E.4. Relationship Management | x | |
| E.5. Process Improvement | x | |
| E.6. ICT Quality Management | xx | x |
| E.7. Business Change Management | x | x |
| E.8. Information Security Management | xx | x |
| E.9. IT Governance | xx | x |

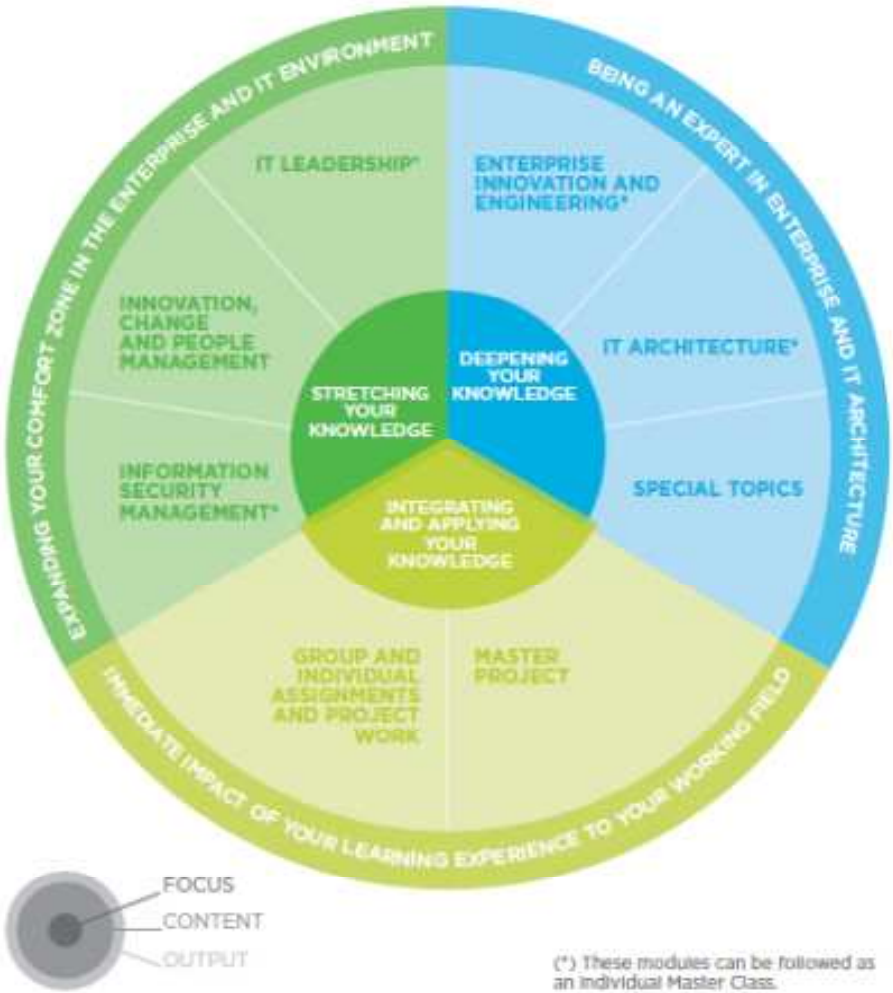
# Demonstration II: proficiency levels

## International gateway program



# Course context


(*) These modules can be followed as an individual Master Class.




(*) These modules can be followed as an individual Master Class.

# Business/IT alignment

- Problem
  - Many companies struggle on business/IT alignment
- Aim of the course
  - SMEs learn that business/IT alignment has a full spectrum (strategy, management & operations)
  - SMEs learn how this can be organised and operationalised
  - SMEs learn how to create value from appropriate business/IT alignment
- Topics
  - Core: Business/IT alignment – IT governance - Project & Portfolio mgmt
  - Optional: IS security – Risk management
- Workload
  - 2 – 5 days (in-class and preperation)

# Enterprise Architecture

- Problem
  - Technology specialists without business knowledge
- Aim of the course
  - SMEs learn how software and enterprise architecture contributes
  - SMEs learn how software and enterprise architecture is organised
  - Framing above points from a business perspective
- Topics
  - Core: Architecture design – Software design – System integration
  - Optional: Solution deployment – Product & Project planning
- Workload
  - 2 – 5 days (in-class and preperation)