

European Masters in Project Management - EuroMPM

The following universities:

- University of Applied Sciences and Arts in Dortmund, Germany
- University of the Basque Country in Bilbao, Spain
- Norwegian University of Science and Technology in Trondheim, Norway

implemented and jointly operate European Masters in Project Management, which will be referred to as EuroMPM. The first courses started 2005 in Trondheim, the courses in Dortmund and Bilbao started in 2006.

Characteristics of the European Masters in Project Management:

1. The Masters can be delivered in two versions:
 - 120 ECTS aiming at students residing on campus, normally full time
 - 90 ECTS aiming at typically employed students, normally part time.
2. The degree will be delivered at a European level in compliance with the Bologna Agreement and the rules of the Erasmus Mundus program. This will include exchange of students on a semester basis and exchange of courses or teachers.

There are:

1. three versions of the masters programme – one worth 120 ECTS, two worth 90 ECTS
2. three target groups

1. Versions

1.1 120 ECTS version

This programme of study is illustrated in the second column of Table 1. It is expected that this programme will primarily be studied full-time over four semesters. Each semester will be worth 30 ECTS. The content of the four semesters will be as follows:

- Semester 1: Managing the project, 30 ECTS
- Semester 2: Managing the context, 30 ECTS
- Semester 3: Project specialization, 30 ECTS
- Semester 4: Dissertation, 30 ECTS

1.2 90 ECTS versions

Two 90 ECTS versions of the course are outlined in the third and fourth columns of Table 1.

Both programmes consist of three parts, each part of 90 ECTS.

Post-graduate version

This programme of study is illustrated in the third column in Table 1. It is likely to appeal to Type B2 students below, people returning to full time education after a short time of work experience wishing to gain a professional qualification. It may also appeal to Type A students who have completed a four year first degree worth 240 ECTS.

The programme will consist of three parts, each of 30 ECTS:

- Part 1: Has the same learning outcomes as Semester 1, 30 ECTS
- Part 2: Primarily has the same learning outcomes as Semester 2, but some specialization may be permitted, 30 ECTS
- Part 3, Dissertation, 30 ECTS

Post-experience version

This programme of study is illustrated in the fourth column in Table 1. It is likely to appeal to Type B1 students. It is a professional masters course aimed at post-experience candidates with substantial work experience who wish to give explicit structure to their tacit knowledge, and who wish to build on their already substantial knowledge of project management.

The programme will consist of three parts, each of 30 ECTS.

- Part 1: Has the same learning outcomes as Semester 1 and 2, 30 ECTS. It is assumed to gain the same learning outcomes as Semester 1 and 2 in a shorter time some recognition is given to the candidates prior learning, although no additional ECTS are given for this.
- Part 2: Has the same learning outcomes as Semester 3, 30 ECTS
- Part 3, Dissertation, 30 ECTS

In both versions Part 1 will result in the same learning outcomes at all partner institutions, although different learning outcomes between the post-graduate and post-experience versions. At Part 2, students will design their own learning programme of at least 30 ECTS, under the guidance of their tutor/mentor. The student will select to study Part 2 at one institution, and may choose all their modules from that one institution. Or they may select some modules from other member institutions. To facilitate exchange, some modules will need to be offered as week long or weekend courses, or by distance-learning (including web-based learning).

Students will study Part 1 at their host institution. At least one other part (Part 2 and/or 3) must be studied at an institution other than their host institution.

1.3 Versions of the EuroMPM

Table 1: Versions of the EuroMPM

| | | | |
|-----------------------|---|---|--|
| | 120 ECTS | 90 ECTS post-graduate | 90 ECTS post-experience |
| Target students | Type A and B2 | Type B2 and A | Type B1 |
| Primary mode of study | Full-time | Part-time or full-time | Part-time |
| Managing the Project | Semester 1 Common Managing the Project 30 ECTS | Part 1 Common Managing the Project 30 ECTS | Recognition of Prior Learning |
| Managing the Context | Semester 2 Common Managing the Context 30 ECTS | Part 2 Individual Context/Specialization 30 ECTS | Part 1 Individual Project and Context 30 ECTS |
| Specialization | Semester 3 Individual Specialization 30 ECTS | | Part 2 Individual Specialization 30 ECTS |
| Dissertation | Semester 4 Individual Dissertation 30ECTS | Part 3 Individual Dissertation 30 ECTS | Part 3 Individual Dissertation 30 ECTS |

2. Target Groups

There are three potential target groups:

Type A: These students are still in full-time tertiary education. They are doing their masters degree immediately after their first degree, perhaps as part of a BA/MA model. They will typically be aged about 23, and have little or no work experience. Any they do have will be from out-placement during their degree or as vacation employment. In some countries the cost of their education is paid by the state. Those students who have done a three-year, 180 ECTS first degree will study the 120 ECTS version. Those who have done a four-year, 240 ECTS first degree may study the post-graduate 90 ECTS version.

Type B1: These are post-experience students with significant experience of project working who return to education to give explicit structure to their tacit knowledge, and

who wish to gain new, advanced knowledge of project management. Typically they will not want to take a career break and so will want to study part-time. They will typically want to study the post-experience 90 ECTS version.

Type B2: These students have returned to full-time education after a short period of work experience. This is the American model of people taking their professional education after having completed a liberal-arts degree and two years of work experience. They will typically be aged about 25. Their requirements will be very much the same as Type A students. These students will study the 120 ECTS version or the 90 ECTS post-graduate version.

3. Contents

Semester 1

- Essentials of Project Management, 9 ECTS
- Planning and Control, 6 ECTS
- Team Building and Leadership, 3 ECTS
- Project Organization, 3 ECTS
- Managing Quality, 3 ECTS
- Managing Risk, , 3 ECTS
- Project Economics, 3 ECTS

Semester 2

- Communication, Negotiation and Conflict, 3 ECTS
- Programme and Portfolio Management, 3 ECTS
- Social Competencies, 3 ECTS
- Organizational behaviour, 3 ECTS
- Safety, health and the environment, 3 ECTS
- Creativity and decision making, 3 ECTS
- Information and Knowledge Management, 3 ECTS
- Project Finance, 3 ECTS
- Contracts Procurement and Legal Aspects, 3 ECTS
- Intercultural Communications, 3 ECTS

Semester 3

In the 3rd semester the universities of the consortium will provide specific training in project management linked to their research activities and to local industries. The learning methodology for these modules includes experiential learning cycles by means of the combination of the theory around these topics as well as the analysis of real case studies.

The NTNU in Trondheim will offer modules on

- Strategic Project Management
- Project and productivity management

The University of Applied Sciences in Dortmund will offer modules on

- Project Management for IT-projects
- Project Management for E-Commerce, E-Business and E-Government
- Business Rules and Decision Tables in Project Management

Semester 4

The 4th semester will be focused on the Master Thesis. Each partner will offer attendance of Master Theses mostly linked to specializations mentioned above or further activities in research and development.

4. EuroMPM-Consortium

The EuroMPM-concept was initiated by Juan L. Cano (Zaragoza), Brane Semolic (Maribor), Asbjorn Rolstadas (Trondheim), Rodney Turner (Lille/Paris), Nino Grau (Friedberg), Dino Schönberg and Peter Reusch (Dortmund). They established a consortium to develop, implement and run the EuroMPM.

Today the steering board of the consortium consists of:

Tim Torvatn - Trondheim
Bassam Hussein - Trondheim

Dino Schönberg - Dortmund
Peter Reusch – chair - Dortmund

Javier Camaaño Eraso - Bilbao
Jose Ramon Otegi Olaso - Bilbao

Rodney Turner – Lille/Paris

Brane Semolic – Maribor

The core group of the consortium consists of those members who implemented a study course according to the EuroMPM-concept.

5. Contact

Chairman of the EuroMPM-Consortium

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