

## Double-Master-Degree Program with the New Jersey Institute of Technology (NJIT), USA



**NJIT**  
New Jersey Institute  
of Technology



Information about the German-American Double-Master-Degree Program

M. Sc. Business Administration

& M.S. Engineering Management

- The University of Passau is offering a joint **double-degree program** with the New Jersey Institute of Technology (NJIT), US for Master students
- Participating students can attain **two Master degrees**:
  - M.Sc. in Business Administration from the University of Passau
  - M.S. in Engineering Management from the NJIT
- **Structure of program**:
  - Minimum of 75 ECTS at the University of Passau
  - Minimum of 25 ECTS (resp. 15 Credits) at NJIT
  - Master's thesis in English language under joint supervision (20 ECTS resp. 6 Credits)
- **Available places**: 5 students per academic year
- **Admission requirements**:
  - Enrollment in M. Sc. Business Administration
  - At least 30 ECTS at the time of application and 75 ECTS-Points before the departure to the US
  - Language certificate: at least UNlcert® II or B2 level (Common European Framework of Reference for Languages)

- Around 11,400 students in total
  - 128 undergraduate and graduate degree programs
  - One of the nation's leading public polytechnic universities
  - Student-faculty ratio is 18:1
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- About the **M.S. Engineering Management** program:
    - Designed to prepare you for a career in technology leadership
    - Focus on technical analysis and an understanding of industrial operations

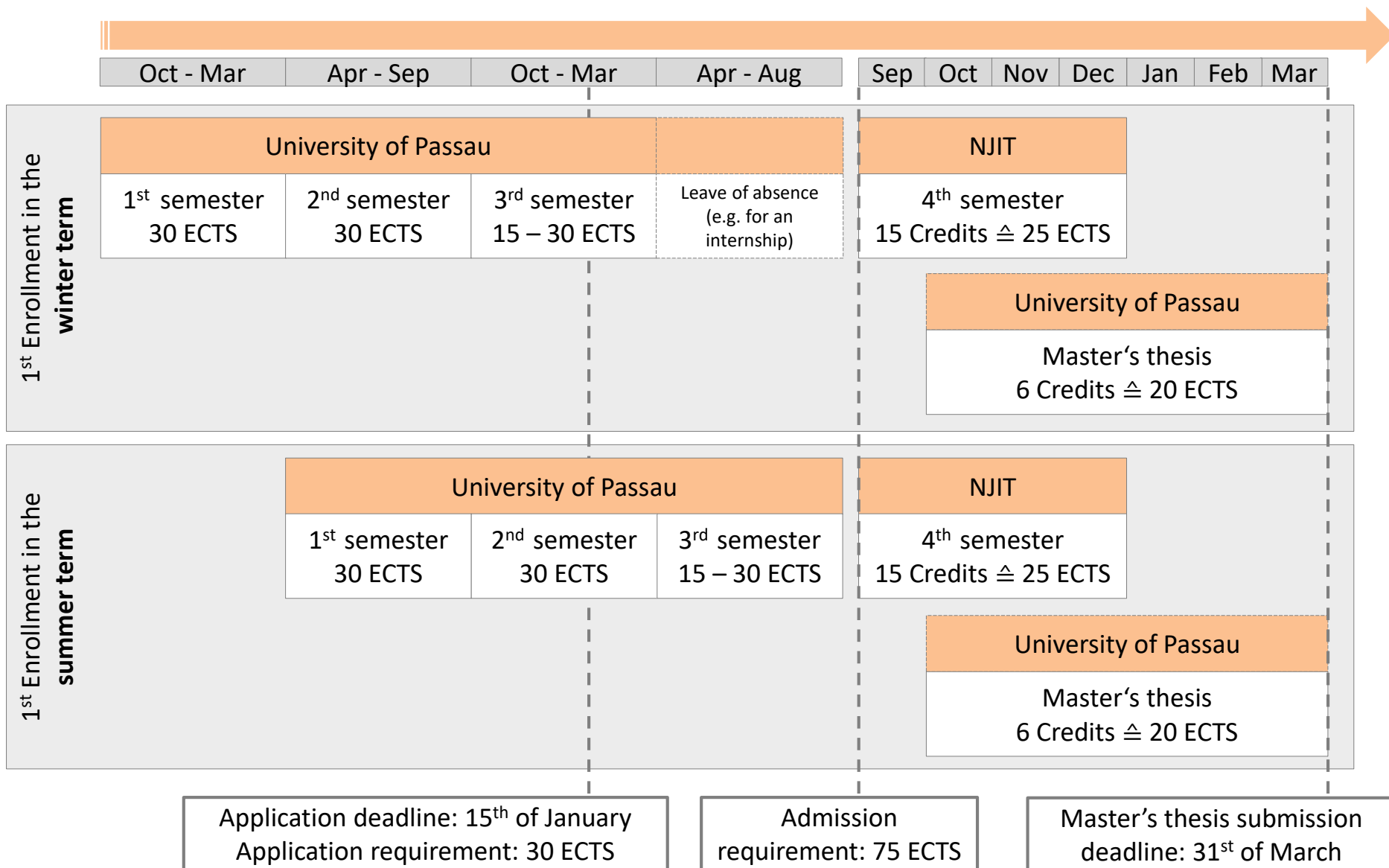


- **Degrees from both universities**
  - At the University of Passau: M. Sc. Business Administration
  - At NJIT: M. S. Engineering Management
- **Program in Passau: 3 semesters, 95 ECTS-Points**
  - At least 75 ECTS-Points from lectures
  - 20 ECTS-Points from the Master's thesis
- **Program at NJIT: 1 semester, 15 Credits ( $\triangleq$  25 ECTS-Points)**
  - 15 Credits from lectures
  - 6 Credits from the Master's thesis (jointly coadvised)
- In addition to the Master Degree from NJIT, graduates can apply for a one-year work permit in the US if they stay for 2 semesters.

# Suggested Structure of the Double-Degree Program

University of Passau (MBA program)	New Jersey Institute of Technology (MEM program)	Master's thesis
75 ECTS (minimum)	15 Credits $\cong$ 25 ECTS	6 Credits $\cong$ 20 ECTS
Method courses: 10 ECTS	2 Elective Courses: 6 Credits	
Seminar: 7 ECTS	3 Core Courses: 9 Credits	
Transfer, e.g., 3 courses (with 5 ECTS each) from the University of Passau ( $\cong$ 9 Credits). Suggested courses: Wertorientiertes Controlling (31359), Organizational Behavior (33160), IT-Services und Service Management (37504)		
Introductory lectures („Grundlagen“): 18 ECTS		
Specialized lectures („Vertiefung“): 25 ECTS		
<b>Total ECTS (incl. thesis): 120</b>		
<b>Degrees: M. Sc. Business Administration &amp; M. S. Engineering Management</b>		

# Course of the Double-Degree Program depending on the Semester of First Enrollment



Core Courses:	Credits
Management Accounting	3
Management Science	3
Project Management	3
Organizational Behavior	3
Total Quality Management	3
Information Systems Principles	3

- 3 NJIT-Credits for a lecture equal 5 ECTS-Points at the University of Passau
- Regarding the **core courses we suggest to transfer 3 courses** with each 5 ECTS-Points at the University of Passau with 9 Credits to NJIT
- Students have to complete 5 courses at NJIT, for a total of 15 NJIT-Credits. Those are credited with a total of 25 ECTS-Points in Passau.

▪ In general, the **course selection needs to be coordinated with the program coordinator at the University of Passau.**

Electives:		Credits
EM	Legal, Ethical and Intellectual Property Issues for Engineering Managers; Project Control; Cost Estimating for Capital Projects; Legal Aspects in Construction; Distribution Logistics; Engineering Procurement and Materials Management; Benchmarking and Quality Function Deployment; Management Aspects of Information Systems; Management of Engineering Research and Development	3 each
IE	Industrial Simulation; Supply Chain Engineering; Engineering Cost and Production Economics; Systems Analysis and Simulation; Engineering Reliability; Industrial Quality Control; Facility Maintenance; Man-Machine Systems	3 each
MNE	Design for Manufacturability; Computerized Manufacturing Systems; Flexible and Computer Integrated Manufacturing; Concurrent Engineering	3 each



- Enrollment in degree program M.Sc. Business Administration
- Application requirement: At least 30 ECTS-Points
- Admission requirement (i.e. before the departure to the US): at least 75 ECTS-Points
- Language certificate (at least UNICert® II or B2 level)



- Students are expected to meet the language requirements (at least UNICert® II or B2 level)
- Payment of tuition and fees prior to attendance at NJIT
- Participation in a mandatory health plan offered by the NJIT
- Valid visa (F-1)
- Application at the NJIT





- **Application documents**
  - Signed Online Application Form
  - Curriculum Vitae
  - Letter of Motivation
  - Current HISQIS record
  - Bachelor's diploma
  - Two copies of the certificate of enrollment
  - Language certificate
- Please hand in required documents until **15<sup>th</sup> of January** directly at the International Office at the University of Passau
- The selection of appropriate candidates is executed by the program coordinator



- After being selected as an appropriate candidate for the double degree program, students need to apply at the NJIT

- **Tuition and fees:** ≈ US \$ 11.000 per semester (full-time student)
- **Additional costs:**
  - 1) lodging/housing (on-campus to the extent available, or off-campus)
  - 2) food (on-campus meal plans or food allowance);
  - 3) health insurance fees;
  - 4) transportation/airfare;
  - 5) use of refectories and canteens;
  - 6) travel passes, visa costs and passport fees;
  - 7) registration to student unions and other associations;
  - 8) purchase of textbooks and other instructional materials and study aids; and
  - 9) other necessary living/personal expenses.

- PROMOS
  - <http://www.uni-passau.de/internationales/ins-ausland-gehen/partnerhochschulen-weltweit/finanzierung-auslandsaufenthalt/promos-stipendienprogramm/>
- Studienstiftung des deutschen Volkes
  - <https://www.studienstiftung.de/studienfoerderung/finanzen/auslandsstipendien/>
- Fulbright Kommission
  - <https://www.fulbright.de/programs-for-germans/studierende-und-graduierte/studienstipendien>

- Located in the vibrant University Heights district of downtown Newark
- Approx. 20 minutes from Manhattan by train
- State-of-the-art facilities on a 45-acre campus



- Newark is one of the nation's most exciting cultural and business region
- Newark is a College Town (NJIT, University of Medicine and Dentistry of New Jersey, University Heights Science Park, Public Health Research Institute)
- Newark Attractions (Newark Symphony Hall, Branch Brook Park, Newark Downtown District, The Newark Museum, New Jersey Performing Arts Center, ..)
- Newark Sports Clubs (e.g. New Jersey Devils)





## **Program Coordinator, Academic Coordinator and Administrative Coordinator**

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## ■ NJIT

- Homepage: <http://www.njit.edu/>
- International Office: <http://www.njit.edu/global/welcome/>
- Range of Courses: <http://catalog.njit.edu/graduate/newark-college-engineering/mechanical-industrial/engineering-management-ms/index.html>
- Academic Calendar: <https://www.njit.edu/registrar/calendars/>

## ■ International Office of the University of Passau

- Database of partner universities: <https://passau.moveon4.de/publisher/1/deu>
- General information about studying abroad: <http://www.uni-passau.de/internationales/ins-ausland-gehen/>
- Application Process: <http://www.uni-passau.de/internationales/ins-ausland-gehen/partnerhochschulen-weltweit/informationen-zur-bewerbung-weltweit/online-bewerbung-und-bewerbungsunterlagen/>