

# Example study plan: Analytics & Production Management Focus (with exchange)

## 1st Semester - Fall

| Course Title  | ECTS |
|---|------|
| <b>OPM 561 - Production Management: Lean Approaches and Variability</b>   | 4    |
| <b>OPM 560 - Business Analytics: Introduction to Operations Analytics with Python</b>   | 6    |
| 1 OPM course out of 3: <ul style="list-style-type: none"> <li>OPM 501: Supply Chain Design</li> <li>OPM 581: Service Operations Man.</li> <li>OPM 591: Strategic Procurement</li> </ul> | 6    |
| CC 501 - Decision Analysis  | 6    |
| BE 510 - Business Economics I   | 6    |

**= 28 ECTS**

## 3rd Semester - Fall

| Course Title        | ECTS |
|---------------------|------|
| Exchange University | 30   |

**= 30 ECTS**

## *Electives Area Operations*

| Course Title   | ECTS |
|--|------|
| <b>Fall:</b>   |      |
| • OPM 502 - Inventory Management                                   | 6    |
| • OPM 504 - Transportation Management: Aviation                    | 4    |
| • OPM 544 - Supply Chain Risk Management                           | 4    |
| • OPM 582 - Case Studies in Operations Management                  | 6    |
| • OPM 593 - Negotiation  | 4    |
| • OPM 597 - Next Generation Procurement                            | 4    |
| <b>Spring:</b>   |      |
| • OPM 510 - Sustainable Operations                                 | 4    |
| • OPM 503 - Transportation Management: Road, Rail, and Sea Freight | 6    |
| • OPM 582 - Case Studies in Operations Management                  | 6    |

**Σ = 120 ECTS**

## 2nd Semester - Spring

| Course Title   | ECTS |
|--|------|
| <b>OPM 661 - Business Analytics: Robust Planning in Stochastic Systems</b> | 8    |
| <b>OPM 662 - Business Analytics: Modeling and Optimization</b>             | 8    |
| CC 503 - Empirical Methods   | 6    |
| CC 504 - Corporate Social Responsibility                                   | 4    |
| BE 511 - Business Economics II   | 6    |

**= 32 ECTS**

## 4th Semester - Spring

| Course Title  | ECTS |
|---|------|
| <b>OPM 760 - Project Seminar: Operations Analytics or OPM 761 - Research Seminar: Production Man.</b> | 6    |
| <b>Master Thesis Production (Prof. Stolletz)</b>  | 24   |

**= 30 ECTS**