

Logistics & SCM Curriculum For batch 2015 and forwards

English level 1 - Toefl >= 500 - AE1 - (4 years)

Total credit

143

| <i>Freshman Year</i> | | | Pre-requisite | Note |
|------------------------|---|----------------------|---------------|------|
| <i>Semester 1</i> | | <i>Crds</i> | | |
| EN007IU | Writing AE1 | 2 | | |
| EN008IU | Listening AE1 | 2 | | |
| MA001IU | Calculus 1 | 4 | | |
| PH013IU | Physics 1 | 2 | | |
| PH014IU | Physics 2 | 2 | | |
| PT001IU | Physical Training 1 | 0 | | |
| CH011IU | Chemistry for Engineers | 3 | | |
| | | <i>Total credits</i> | 15 | |
| <i>Semester 2</i> | | <i>Crds</i> | | |
| EN011IU | Writing AE2 | 2 | | |
| EN012IU | Speaking AE2 | 2 | | |
| MA003IU | Calculus 2 | 4 | | |
| PE008IU | Critical Thinking | 3 | | |
| PT002IU | Physical Training 2 | 0 | | |
| IS056IU | Introduction to Logistics & Supply Chain Management | 1 | | |
| IS054IU | Engineering Drawing | 3 | | |
| PH015IU | Physics 3 | 3 | | |
| | | <i>Total credits</i> | 18 | |
| <i>Summer semester</i> | | <i>Crds</i> | | |
| PE011IU | Principles of Marxism | 5 | | |
| PE012IU | HCM' s thoughts | 2 | | |
| PE013IU | Revolutionary Lines of Vietnamese Communist Party | 3 | | |
| | | <i>Total credits</i> | 10 | |
| <i>Sophomore Year</i> | | | | |
| <i>Semester 3</i> | | <i>Crds</i> | | |
| IS019IU | Production Management | 3 | | |

Logistics & SCM Curriculum For batch 2015 and forwards

English level 1 - Toefl >= 500 - AE1 - (4 years)

Total credit

143

| | | | | |
|------------------------|--|-------------|--|---|
| IS076IU | Introduction to Computing – MatLab Application | 3 | | Đối với khóa K2014, một số sinh viên đã học môn IS0002IU Intro to computing, được tương đương với môn mới IS076IU |
| MA027IU | Applied Linear Algebra | 2 | | |
| IS004IU | Engineering Probability & Statistics | 4 | | |
| IS055IU | Principles of Logistics and Supply Chain Management | 3 | | |
| IS073IU | Business Law | 3 | | |
| Total credits | | 18 | | |
| Semester 4 | | Crds | | |
| IS077IU | Introduction to Programming – C ⁺⁺ /C [#] , Python | 2 | | Đối với khóa K2014, một số sinh viên đã học môn IS0006IU IE Lab được tương đương với môn mới IS077IU |
| IS020IU | Engineering Economy | 3 | | |
| IS081IU | Deterministic models in OR | 4 | | Applied Linear Algebra |
| IS057IU | Warehouse Engineering Management | 3 | | |
| BA003IU | Principles Of Marketing | 3 | | |
| IS074IU | Import – Export Management | 3 | | |
| Total credits | | 18 | | |
| Summer semester | | Crds | | |
| IS069IU | Internship 1 | 2 | | |
| | Military Training | | | |
| Total credits | | 2 | | |
| Junior Year | | | | |
| Semester 5 | | Crds | | |

Logistics & SCM Curriculum For batch 2015 and forwards

English level 1 - Toefl \geq 500 - AE1 - (4 years)

Total credit

143

| | | | | |
|------------------------|--|-------------|--------------------------------------|---|
| IS061IU | Management Information systems in Supply chain | 3 | | |
| IS023IU | Inventory Management | 3 | | Engineering Probability & Statistics |
| IS059IU | Materials Handling Systems | 3 | | |
| IS082IU | Retail Management | 3 | | |
| BA184IU | Financial Accounting | 4 | | |
| IS IU | ISE Elective Course (choose 1 course below) | 3 | | |
| IS058IU | Time series & forecasting techniques | | | |
| IS024IU | Probabilistic Models in OR | | Engineering Probability & Statistics | |
| IS035IU | Systems Engineering | | | |
| | <i>Total credits</i> | 19 | | |
| <i>Semester 6</i> | | <i>Crds</i> | | |
| IS079IU | Scientific Writing | 2 | | |
| IS028IU | Simulation Models in IE | 4 | Engineering Probability & Statistics | |
| IS027IU | Scheduling & Sequencing | 3 | Deterministic models in OR | |
| IS078IU | Logistic engineering & supply chain design | 3 | | Deterministic models in OR; Eng Prob.& Sat |
| IS068IU | Procurement Management | 3 | | Engineering Probability & Statistics |
| | <i>Total credits</i> | 15 | | |
| <i>Summer semester</i> | | <i>Crds</i> | | |
| IS070IU | <i>Internship 2</i> | 3 | | |
| | <i>Total credits</i> | 3 | | |
| Senior Year | | | | |
| <i>Semester 7</i> | | <i>Crds</i> | | |
| IS033IU | Multi-Criteria Decision Making | 3 | Deterministic models in OR | |

Logistics & SCM Curriculum For batch 2015 and forwards

English level 1 - Toefl >= 500 - AE1 - (4 years)

Total credit

143

| | | | | |
|-------------------|---|-----------|--------------------------------------|--|
| IS067IU | International Transportation & Logistics | 3 | | |
| IS026IU | Project Management | 3 | | |
| IS__IU | ISE Elective Course (choose 2 courses below) | 6 | | |
| IS025IU | Quality Management | | Engineering Probability & Statistics | |
| IS062IU | E-Logistics in Supply chain management | | | |
| IS063IU | Sustainability in Supply Chain | | | |
| IS064IU | Entrepreneurship In Supply Chain | | | |
| IS065IU | Supply Security And Risk Management | | | |
| IS066IU | Data Mining In Supply Chain | | | |
| IS072IU | Port Planning and Operations | | | |
| BA130IU | Organizational Behavior | | | |
| BA032IU | Sales Management | | | |
| IS045IU | Leadership | | | |
| IS080IU | Creative Thinking | | | |
| BA156IU | Human Recourse | | | |
| | <i>Total credits</i> | 15 | | |
| | | | | |
| <i>Semester 8</i> | | | <i>Crds</i> | |
| IS071IU | Thesis research | 10 | | |
| | <i>Total credits</i> | 10 | | |

Logistics & SCM Curriculum For batch 2015 and forwards

English level 2 - 430 <= Toefl < 500

Total Credit: 159

| <i>Freshman Year</i> | | |
|----------------------|--------------------------|-------------|
| <i>Semester 1</i> | | <i>Crds</i> |
| EN074IU | Reading & writing IE2 | 8 |
| EN075IU | Listening & speaking IE2 | 8 |
| PT001IU | Physical Training 1 | 0 |
| MA001IU | Calculus 1 | 4 |
| PH013IU | Physics 1 | 2 |
| <i>Total credits</i> | | 22 |

| <i>Semester 2</i> | | <i>Crds</i> |
|----------------------|---|-------------|
| EN007IU | Writing AE1 | 2 |
| EN008IU | Listening AE1 | 2 |
| CH011IU | Chemistry for Engineers | 3 |
| PH014IU | Physics 2 | 2 |
| PT002IU | Physical Training 2 | 0 |
| IS056IU | Introduction to Logistics & Supply Chain Management | 1 |
| IS054IU | Engineering Drawing | 3 |
| MA003IU | Calculus 2 | 4 |
| <i>Total credits</i> | | 17 |

| <i>Summer semester</i> | | <i>Crds</i> |
|------------------------|---|-------------|
| PE011IU | Principles of Marxism | 5 |
| PE012IU | HCM' s thoughts | 2 |
| PE013IU | Revolutionary Lines of Vietnamese Communist Party | 3 |
| <i>Total credits</i> | | 10 |

| <i>Sophomore Year</i> | | |
|-----------------------|--|-------------|
| <i>Semester 3</i> | | <i>Crds</i> |
| EN011IU | Writing AE2 | 2 |
| EN012IU | Speaking AE2 | 2 |
| IS019IU | Production Management | 3 |
| IS004IU | Engineering Probability & Statistics | 4 |
| PE008IU | Critical Thinking | 3 |
| IS055IU | Principles Logistics and Supply Chain Management | 3 |
| IS076IU | Introduction to Computing – MatLab Application | 3 |
| MA027IU | Applied Linear Algebra | 2 |
| <i>Total credits</i> | | 22 |

| <i>Semester 4</i> | | <i>Crds</i> |
|-------------------|--|-------------|
|-------------------|--|-------------|

Logistics & SCM Curriculum For batch 2015 and forwards

English level 2 - 430 <= Toefl < 500

Total Credit: 159

| | | |
|----------------------|--|-----------|
| IS077IU | Introduction to Programming – C ⁺⁺ /C [#] , Python | 2 |
| IS020IU | Engineering Economy | 3 |
| IS081IU | Deterministic models in OR | 4 |
| BA003IU | Principles Of Marketing | 3 |
| IS057IU | Warehouse Engineering Management | 3 |
| PH015IU | Physics 3 | 3 |
| <i>Total credits</i> | | 18 |

| | | |
|------------------------|-------------------|-------------|
| <i>Summer semester</i> | | <i>Crds</i> |
| IS069IU | Internship 1 | 2 |
| | Military Training | |
| <i>Total credits</i> | | 2 |

| | | |
|----------------------|--|-------------|
| <i>Junior Year</i> | | |
| <i>Semester 5</i> | | <i>Crds</i> |
| BA184IU | Financial Accounting | 4 |
| IS061IU | Management Information systems in Supply chain | 3 |
| IS023IU | Inventory Management | 3 |
| IS059IU | Materials Handling Systems | 3 |
| IS082IU | Retail Management | 3 |
| IS073IU | Business Law | 3 |
| IS __IU | ISE Elective Course (choose 1 course below) | 3 |
| IS058IU | Time series & forecasting techniques | |
| IS024IU | Probabilistic Models in OR | |
| IS035IU | Systems Engineering | |
| <i>Total credits</i> | | 22 |
| <i>Semester 6</i> | | <i>Crds</i> |
| IS068IU | Procurement Management | 3 |
| IS079IU | Scientific Writing | 2 |
| IS078IU | Logistic engineering & supply chain design | 3 |
| IS028IU | Simulation Models in IE | 4 |
| IS074IU | Import – Export Management | 3 |
| IS027IU | Scheduling & Sequencing | 3 |
| <i>Total credits</i> | | 18 |

| | | |
|------------------------|---------------------|-------------|
| <i>Summer semester</i> | | <i>Crds</i> |
| IS070IU | <i>Internship 2</i> | 3 |
| <i>Total credits</i> | | 3 |

| | | |
|--------------------|--|--|
| <i>Senior Year</i> | | |
|--------------------|--|--|

Logistics & SCM Curriculum For batch 2015 and forwards

English level 2 - 430 <= Toefl < 500

Total Credit: 159

| <i>Semester 7</i> | | <i>Crds</i> |
|-------------------|---|-------------|
| IS033IU | Multi-Criteria Decision Making | 3 |
| IS067IU | International Transportation & Logistics | 3 |
| IS026IU | Project Management | 3 |
| IS IU | ISE Elective Course (choose 2 courses below) | 6 |
| IS025IU | Quality Management | |
| IS062IU | E-Logistics in Supply chain management | |
| IS063IU | Sustainability in Supply Chain | |
| IS064IU | Entrepreneurship In Supply Chain | |
| IS065IU | Supply Security And Risk Management | |
| IS066IU | Data Mining In Supply Chain | |
| IS072IU | Port Planning and Operations | |
| BA130IU | Organizational Behavior | |
| BA032IU | Sales Management | |
| IS045IU | Leadership | |
| IS080IU | Creative Thinking | |
| BA156IU | Human Recourse | |
| | <i>Total credits</i> | 15 |
| <i>Semester 8</i> | | <i>Crds</i> |
| IS071IU | Thesis research | 10 |
| | <i>Total credits</i> | 10 |

Logistics & SCM Curriculum for Batch 2015 and forwards

English level 3 - Toefl < 430

Total Credit: 181

| <i>Freshman Year</i> | | |
|----------------------|--------------------------|-------------|
| <i>Semester 1</i> | | <i>Crds</i> |
| EN072IU | Reading & Writing IE1 | 11 |
| EN073IU | Listening & Speaking IE1 | 11 |
| PT001IU | Physical Training 1 | 0 |
| <i>Total credits</i> | | 22 |

| <i>Semester 2</i> | | <i>Crds</i> |
|----------------------|---|-------------|
| EN074IU | Reading & writing IE2 | 8 |
| EN075IU | Listening & speaking IE2 | 8 |
| PT002IU | Physical Training 2 | 0 |
| IS056IU | Introduction to Logistics & Supply Chain Management | 1 |
| MA001IU | Calculus 1 | 4 |
| <i>Total credits</i> | | 21 |

| <i>Summer semester</i> | | <i>Crds</i> |
|------------------------|---|-------------|
| PE011IU | Principles of Marxism | 5 |
| PE012IU | HCM' s thoughts | 2 |
| PE013IU | Revolutionary Lines of Vietnamese Communist Party | 3 |
| <i>Total credits</i> | | 10 |

| <i>Sophomore Year</i> | | |
|-----------------------|--------------------------------------|-------------|
| <i>Semester 3</i> | | <i>Crds</i> |
| MA027IU | Applied Linear Algebra | 2 |
| EN007IU | Writing AE1 | 2 |
| EN008IU | Listening AE1 | 2 |
| IS004IU | Engineering Probability & Statistics | 4 |
| PH013IU | Physics 1 | 2 |
| PH014IU | Physics 2 | 2 |
| MA003IU | Calculus 2 | 4 |
| <i>Total credits</i> | | 18 |

| <i>Semester 4</i> | | <i>Crds</i> |
|-------------------|----------------------------|-------------|
| CH011IU | Chemistry for Engineers | 3 |
| IS081IU | Deterministic models in OR | 4 |
| EN011IU | Writing AE2 | 2 |
| EN012IU | Speaking AE2 | 2 |

Logistics & SCM Curriculum for Batch 2015 and forwards

English level 3 - Toefl < 430

Total Credit: 181

| | | |
|----------------------|---------------------|-----------|
| PE008IU | Critical Thinking | 3 |
| IS054IU | Engineering Drawing | 3 |
| PH015IU | Physics 3 | 3 |
| <i>Total credits</i> | | 20 |

| | | |
|------------------------|---------------------|-------------|
| <i>Summer semester</i> | | <i>Crds</i> |
| IS069IU | <i>Internship 1</i> | 2 |
| | Military Training | |
| <i>Total credits</i> | | 2 |

| | | |
|----------------------|--|-------------|
| <i>Junior Year</i> | | |
| <i>Semester 5</i> | | <i>Crds</i> |
| IS019IU | Production Management | 3 |
| IS076IU | Introduction to Computing – MatLab Application | 3 |
| IS055IU | Principles Logistics and Supply Chain Management | 3 |
| IS073IU | Business Law | 3 |
| IS061IU | Information systems in Supply chain | 3 |
| IS023IU | Inventory Management | 3 |
| IS__IU | ISE Elective Course (choose 1 course below) | 3 |
| IS058IU | Time series & forecasting techniques | |
| IS024IU | Probabilistic Models in OR | |
| IS035IU | Systems Engineering | |
| <i>Total credits</i> | | 21 |

| | | |
|----------------------|--|-------------|
| <i>Semester 6</i> | | <i>Crds</i> |
| | | |
| IS020IU | Engineering Economy | 3 |
| IS057IU | Warehouse Engineering Management | 3 |
| BA184IU | Financial Accounting | 4 |
| BA003IU | Principles Of Marketing | 3 |
| IS074IU | Import – Export Management | 3 |
| IS077IU | Introduction to Programming – C ⁺⁺ /C [#] , Python | 2 |
| <i>Total credits</i> | | 18 |

| | | |
|------------------------|---------------------|-------------|
| <i>Summer semester</i> | | <i>Crds</i> |
| IS070IU | <i>Internship 2</i> | 3 |
| <i>Total credits</i> | | 3 |

Logistics & SCM Curriculum for Batch 2015 and forwards

English level 3 - Toefl < 430

Total Credit: 181

| <i>Senior Year</i> | | |
|----------------------|---|-------------|
| <i>Semester 7</i> | | <i>Crds</i> |
| IS082IU | Retail Management | 3 |
| IS059IU | Materials Handling Systems | 3 |
| IS033IU | Multi-Criteria Decision Making | 3 |
| IS067IU | International Transportation & Logistics | 3 |
| IS026IU | Project Management | 3 |
| IS __IU | ISE Elective Course (choose 2 courses below) | 6 |
| IS025IU | Quality Management | |
| IS062IU | E-Logistics in Supply chain management | |
| IS063IU | Sustainability in Supply Chain | |
| IS064IU | Entrepreneurship In Supply Chain | |
| IS065IU | Supply Security And Risk Management | |
| IS066IU | Data Mining In Supply Chain | |
| IS072IU | Port Planning and Operations | |
| BA130IU | Organizational Behavior | |
| BA032IU | Sales Management | |
| IS045IU | Leadership | |
| IS080IU | Creative Thinking | |
| BA156IU | Human Recourse | |
| <i>Total credits</i> | | 21 |

| <i>Semester 8</i> | | <i>Crds</i> |
|----------------------|--|-------------|
| IS028IU | Simulation Models in IE | 4 |
| IS027IU | Scheduling & Sequencing | 3 |
| IS078IU | Logistic engineering & supply chain design | 3 |
| IS068IU | Procurement Management | 3 |
| IS079IU | Scientific Writing | 2 |
| <i>Total credits</i> | | 15 |

| <i>Semester 9</i> | | <i>Crds</i> |
|----------------------|------------------------|-------------|
| IS071IU | Thesis research | 10 |
| <i>Total credits</i> | | 10 |