**BS in Industrial Technology/MBA Sample Study Plan (2017-2018 Catalog)**

**Manufacturing Option**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Degrees** | **Semester 1** | **Semester 2** | **Semester 3** | **Semester 4** | **Semester 5**  | **Semester 6** | **Semester 7** | **Semester 8** | **Semester 9** | **Semester 10** |
| B.S. in I TEC 120 credits(minimum) | TSM 110Intro to Techn.1 cr | TSM 111Exper. Techn.1 cr | TSM 201Workplace 1 cr | TSM 216Graphics/CAD2 cr | TSM 340Mfg Process.3 cr | TSM 310Quality Impr3 cr | TSM 444Facility Plan.3 cr | TSM 443Statics3 cr | TSM 415Techn Capstone I 2 cr | TSM 416Techn Capstone II 3 cr |
|  | TSM 116Design in Techn.3 cr | TSM 115Techn. Issues3 cr | TSM 210Fund. of Techn.3 cr | STAT 104Intro. to Stat.3 cr | TSM 363Power/Elect4 cr | TSM 337Fluid Power3 cr | TSM 399Exp. Reflect.2 cr | TSM 465Automation3 cr | TSM 440Lean Manufac. 3 cr | ElectiveCourse4 cr |
|  | ENGL 150Critical Thinking3 cr | ECON 101Microecon.3 cr | TSM 214Project Mgmt1 cr | BIOL 101 or 211 Biology3 cr | ACCT 284Fin. Accting3 cr | TSM 370Occ. Safety3 cr |  |  |  |  |
|  | CHEM 163College Chem.4 cr | PHYS 111Physics & Lab5 cr | TSM 240Manuf. Process.3 cr | InternationalPersp. Course3 cr | US DiversityCourse3 cr | HumanitiesCourse3 cr |  |  |  |  |
|  | CHEM 163LChemistry Lab1 cr | MATH 151Calc. for Bus.3 cr | TSM 270Injury Prevent.3 cr | ABE 271, 272, or 2731 cr | ENGl 302, 309, 314 or AGEDS 327 3 cr | Life ScienceCourse3 cr |  |  |  |  |
|  | MATH 145Applied Trig.3 cr |  | ENGL 250WOVE Comp.3 cr | SP CM 212, 214, or AGEDS 311 3 cr |  |  |  |  |  |  |
|  | LIB 160Info. Literacy1 cr |  |  |  |  |  |  |  |  |  |
| MBA 48 credits(minimum) |  |  |  |  |  |  | ACCT 501Accounting3 cr | FIN 501Finance3 cr | MGMT 503Pro Resp in Bus.3 cr | MBAElective3 cr |
|  |  |   |  |  |  |  | BUSAD 502Bus. Analysis3 cr | MKT 501Marketing3 cr | MGMT 504Strategy3 cr | MBAElective3 cr |
|  |  |  |  |  |  |  | ECON 532Economics3 cr | SCM 501 Supply Chain3 cr (elective) | MBA Elective3 cr | MBAElective3 cr |
|  |  |  |  |  |  |  | MGMT 502Org Behavior 3 cr | MIS 501Info. Systems3 cr (elective) |  |  |
|  |  |  |  |  |  |  | BUSAD 592Prof Skills IR cr | BUSAD 594Prof Skills IIR cr |  |  |
| I TEC 120 cr | 16/16 | 15/31 | 14/45 | 15/60 | 16/76 | 15/91 | 5/96 | 12/108 | 5/113 | 7/120 |
| MBA 48 cr |  |  |  |  |  |  | 12/12 | 12/24 | 12/36 | 12/48 |
| Shared 12 cr |  |  |  |  |  |  | 0/0 | 6/6 | 3/9 | 3/12 |
| **156 Total Cr** | **16/16** | **15/31** | **14/45** | **15/60** | **16/76** | **15/91** | **17/108** | **18/126** | **14/140** | **16/156** |

Notes:

Twelve elective credits are applied to both I TEC (Manufacturing Option) and the MBA including SCM 501 (3 cr), MIS 501 (3 cr), TSM 440 (3 cr), and TSM 416 (3 cr).

MBA electives (12 cr) must be 500 level courses in the College of Business.

**BS in Industrial Technology/MBA Sample Study Plan (2017-2018 Catalog)**

**Occupational Safety Option**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Degrees** | **Semester 1** | **Semester 2** | **Semester 3** | **Semester 4** | **Semester 5**  | **Semester 6** | **Semester 7** | **Semester 8** | **Semester 9** | **Semester 10** |
| B.S. in I TEC 120 credits(minimum) | TSM 110Intro to Techn.1 cr | TSM 111Exper. Techn.1 cr | TSM 201Workplace 1 cr | TSM 240Manuf. Process3 cr | TSM 363Power/Elect4 cr | TSM 310Quality Impr3 cr | TSM 372\*\*Legal Aspects2 cr | HumanitiesCourse3 cr | TSM 415Techn Capstone I 2 cr | TSM 416Techn Capstone II 3 cr |
|  | TSM 116Design in Techn.3 cr | TSM 115Techn. Issues3 cr | TSM 210Fund. of Techn.3 cr | TSM 371Occ. S. Mgmt2 cr | TSM 376\*Fire Protect.3 cr | TSM 370Occ. Safety3 cr | TSM 399Work Exper.2 cr |  | US DiversityCourse3 cr | ElectiveCourse3 cr |
|  | ENGL 150Critical Thinking3 cr | ECON 101Microecon.3 cr | TSM 214Project Mgmt1 cr | STAT 104Intro. to Stat.3 cr | TSM 477\*Risk Analysis3 cr | ACCT 284Fin. Accting3 cr | TSM 470\*\*\*Ind Hygiene3 cr |  | TSM 471\*\*\*Safety Lab1 cr |  |
|  | CHEM 163College Chem.4 cr | PHYS 111Physics & Lab5 cr | TSM 270Injury Prevent.3 cr | BIOL 155Human Bio.3 cr | PSYCH 250Wrkplc Psych3 cr | InternationalPersp Course3 cr |  |  |  |  |
|  | CHEM 163LChemistry Lab1 cr | MATH 151Calc. for Bus.3 cr | H S 105First Aid2 cr | SP CM 212, 214, or AGEDS 311 3 cr | ENGl 302, 309, 314 or AGEDS 327 3 cr | Elective3 cr |  |  |  |  |
|  | MATH 145Applied Trig.3 cr |  | ENGL 250WOVE Comp.3 cr |  |  |  |  |  |  |  |
|  | LIB 160Info. Literacy1 cr |  | BIOL 101 or 211 Biology3 cr |  |  |  |  |  |  |  |
| MBA 48 credits(minimum) |  |  |  |  |  |  | ACCT 501Accounting3 cr | FIN 501Finance3 cr | MGMT 503Pro Resp in Bus.3 cr | MBAElective3 cr |
|  |  |   |  |  |  |  | BUSAD 502Bus. Analysis3 cr | MKT 501Marketing3 cr | MGMT 504Strategy3 cr | MBAElective3 cr |
|  |  |  |  |  |  |  | Econ 532Economics3 cr | SCM 501 Supply Chain3 cr (elective) | MBA Elective3 cr | MBAElective3 cr |
|  |  |  |  |  |  |  | MGMT 502Org Behavior3 cr (elective) | MIS 501Info Systems3 cr  |  |  |
|  |  |  |  |  |  |  | BUSAD 592Prof Skills IR cr | BUSAD 594Prof Skills IIR cr |  |  |
| I TEC 120 cr | 16/16 | 15/31 | 16/47 | 14/61 | 16/77 | 15/92 | 10/102 | 6/108 | 6/114 | 6/120 |
| MBA 48 cr |  |  |  |  |  |  | 12/12 | 12/24 | 10/34 | 14/48 |
| Shared 12 cr |  |  |  |  |  |  | 3/3 | 3/6 | 0/6 | 6/12 |
| **156 Total Cr** | **16/16** | **15/31** | **16/47** | **14/61** | **16/77** | **15/92** | **19/111** | **15/126** | **16/142** | **14/156** |

\* TSM 376 - even years, Fall only (Fall 2018, Fall 2020, etc.)

\* TSM 477 - even years, Fall only (Fall 2018, Fall 2020, etc.)

\*\* TSM 372 - odd years, Fall only (Fall 2017, Fall 2019, etc.)

\*\*\*TSM 470 - even years, Spring only (Spring 2018, Spring 2020, etc.)

\*\*\*TSM 471 - even years, Spring only (Spring 2018, Spring 2020, etc.)

Twelve elective credits are applied to the I TEC (Occupational Safety Option) and the MBA include MGMT 502 (3 cr), SCM 501 (3 cr), TSM 416 (3 cr), and an approved elective (3 cr).