

2009-10 BS Mechanical Engineering Degree Plan with a Business Minor

| Last | First | Middle | SMU Student ID |
|------|-------|--------|----------------|

Dallas Address Phone Number Advisor

General Education Curriculum (GEC): From fall 2009 through summer 2010

| Courses | Hours | Semester & Year | Grade |
|---|-------|-----------------|-------|
| ENGL 1301 – Written English I | 3 | | |
| ENGL 1302 – Written English II | 3 | | |
| Perspectives ¹ – Arts | | | |
| Perspectives ¹ – Literature | | | |
| Perspectives ¹ – Religious & Philosophical Thought | | | |
| Perspectives ¹ – History | | | |
| Perspectives ¹ – Politics & Economics (ECO 1311) | 3 | | |
| Perspectives ¹ – Behavioral Sciences | | | |
| Cultural Formations ¹ | | | |
| Cultural Formations ¹ | | | |
| Human Diversity requirement fulfilled by: | ***** | | |
| Wellness I | 1 | | |
| Wellness II | 1 | | |
| TOTAL | 23 | | |

| MAJOR | | | |
|--|-------|-----------------|-------|
| Courses | Hours | Semester & Year | Grade |
| ME 1202 – Introduction to Engineering | 2 | | |
| ME 1102 – ME Laboratory: Introduction to Engineering | 1 | | |
| ME 1305 – Information Technology & Society | 3 | | |
| ME 2310 – Statics | 3 | | |
| ME 2320 – Dynamics | 3 | | |
| ME 2331 – Thermodynamics | 3 | | |
| ME 2131 – ME Laboratory: Thermodynamics | 1 | | |
| ME 2340 – Mechanics of Deformable Bodies | 3 | | |
| ME 2140 – ME Laboratory: Solid Mechanics | 1 | | |
| ME 2342 – Fluid Mechanics | 3 | | |
| ME 2142 – ME Laboratory: Fluid Mechanics | 1 | | |
| ME 3332 – Heat & Mass Transfer | 3 | | |
| ME 3132 – ME Laboratory: Heat & Mass Transfer | 1 | | |
| ME 3340 – Engineering Materials | 3 | | |
| ME 3370 – Manufacturing Processes | 3 | | |
| ME 4338 – Thermal Systems Design | 3 | | |
| ME 4360 – Design & Control of Mechanical Systems | 3 | | |
| ME 4160 – ME Laboratory: Automatic Control | 1 | | |
| ME 4370 – Elements of Machine Design | 3 | | |
| ME 4380 – Mechanical Engineering Design I | 3 | | |
| ME 4381 – Mechanical Engineering Design II | 3 | | |
| ME 5322 – Vibrations | 3 | | |
| Advanced Major Elective ² | 3 | | |
| TOTAL | 56 | | |

MATHEMATICS/STATISTICS

| Courses | Hours | Semester & Year | Grade |
|--|-------|-----------------|-------|
| MATH 1337 – Calculus with Analytic Geometry I | 3 | | |
| MATH 1338 – Calculus with Analytic Geometry II | 3 | | |
| MATH 2339 – Calculus with Analytic Geometry III | 3 | | |
| MATH 2343 – Elementary Differential Equations | 3 | | |
| STAT 4340 (CSE 4340, EMIS 4340) or STAT 5340 (EMIS 5370) | 3 | | |
| TOTAL | 15 | | |

SCIENCE

| Courses | Hours | Semester & Year | Grade |
|--|-------|-----------------|-------|
| CHEM 1303 – General Chemistry I | 3 | | |
| PHYS 1303 – Introductory Mechanics | 3 | | |
| PHYS 1304 – Introductory Electricity & Magnetism | 3 | | |
| PHYS 1105 – General Physics Laboratory I | 1 | | |
| TOTAL | 10 | | |

MATHEMATICS or SCIENCE ELECTIVES

| Courses | Hours | Semester & Year | Grade |
|--|-------|-----------------|-------|
| Mathematics or Science Elective ³ | 3 | | |
| Mathematics or Science Elective ³ | 3 | | |
| TOTAL | 6 | | |

BUSINESS

| Courses | Hours | Semester & Year | Grade |
|--|-------|-----------------|-------|
| ECO 1312 – Principles: Inflation, Recession and Unemployment | 3 | | |
| ACCT 2311 – Fundamentals of Accounting I | 3 | | |
| ACCT 2312 – Fundamentals of Accounting II | 3 | | |
| FINA 3320 – Financial Management | 3 | | |
| ITOM 2308 – Information Systems for Management | 3 | | |
| ITOM 3306 – Operations Management | 3 | | |
| MKTG 3340 – Fundamentals of Marketing | 3 | | |
| MNO 3370 – Management of Organizations | 3 | | |
| TOTAL | 24 | | |

| Total TCH: | (Minimum | 1211 |
|------------|-----------|------|
| TOTAL LCH: | (wiinimum | 134) |

White Degree Plan (For advising ONLY!)

Blue Degree Plan (For graduating seniors ONLY: Due at the beginning of the graduating semester.)

GRADUATION CERTIFICATION:

| Advisor | Date |
|--------------------------------|------|
| | |
| Dept. Chair or Associate Chair | Date |
| | |
| Assistant Dean | Date |

¹ Engineering majors are required to take 9 hours of Perspectives and 6 hours of Cultural Formations, or 12 hours of Perspectives and 3 hours of Cultural Formations for a total of 15 hours. One of the selections for Perspectives or Cultural Formations must satisfy the Human Diversity Co-Requirement.

The advanced major electives must be 3000 level or higher ME courses and be approved by the student's ME advisor.

The advanced mathematics or science electives must be 3000 level or higher and be approved by the student's ME advisor.

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| 2007-08 Degree Plans Folder BSME w/Business Minor 03/18/13 |
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