| Student | | | | | | | |
|----------|---------|----------------|---|----------------------------------|-------------------|-----------------------|------------------------|
| LD | UD | NTS | MAJOR PREPAI | RATORY REQUIREMENT COURSE # | GRADE | SEM | INFO |
| 3 | - | 1 | Introduction to Programming for Biomedical Engrs | CS 1324* | 0.0.22 | | |
| 4 | | 1,2,3 | Integral Calculus or Calculus I | MATH 2414* or 2417* | | | |
| 4 | | | Calculus of Several Variables or Calculus II | MATH 2415* or 2419* | | | |
| 4 | | 1 | Differential Equations w/ Applications | MATH 2420* | | | |
| 3 | | 1,2 | Mechanics | PHYS 2325* | | | |
| 1 | | 1,2 | Physics Laboratory I | PHYS 2125* | | | |
| 3 | | - | Electromagnetism and Waves | PHYS 2326* | | | |
| 1 | | 1 | Physics Laboratory II | PHYS 2126* | | | |
| 3 | | 1 | General Chemistry I | CHEM 1311* | | | |
| 1 | | 1 | General Chemistry Laboratory I | CHEM 1111* | | | |
| 3 | | 1 | General Chemistry II | CHEM 1312* | | | |
| | | | Introductory Organic Chemistry for Engineers OR | CHEM 2324* OR | | | |
| 3 | | 1,5 | Organic Chemistry I + Lab and | CHEM 2323/2123 and | | | |
| | | , - | Organic Chemistry II + Lab | CHEM 2325/2125 | | | |
| 3 | | 1 | Intro to Modern Biology I | BIOL 2311* | | | |
| 1 | | 1 | Intro to Modern Biology Workshop I | BIOL 2111* | | | |
| 2 | | 1 | Introductory Biology Laboratory | BIOL 2281* | | | |
| 39 | | <u>'</u> | Introductory Blology Editoratory | BIOL ZZOT | <u> </u> | Į | |
| 00 | l | | MAJOR CO | RE REQUIREMENTS* | | | |
| 1 | | 1,6 | Introduction to Engineering and Computer Science | ECS 1100* | | | |
| 1 | | 1 | Introduction to Bioengineering I | BMEN 1100* | | | |
| 2 | | 1 | Introduction to Bioengineering II | BMEN 1208* | | | |
| 3 | | 1 | Statics | BMEN 2320* | | | |
| 3 | | 1 | Linear Algebra for Engineers | ENGR 2300* | | | |
| _ | 3 | 1 | Advanced Engineering Math | ENGR 3300* | | | |
| | 3 | 1 | Probability Theory & Statistics for BMEN | BMEN 3341* | | | |
| | 2 | 1 | Biomedical Engineering Fundamentals and Design | BMEN 3200* | | | |
| | 3 | 1 | Signals and Systems | BMEN 3302* | | | |
| | 3 | 1 | Electrical & Electronic Circuits in BMEN | BMEN 3320* | | | |
| | 2 | 1 | Biomedical Circuits & Instrumentation Lab | BMEN 3220* | | | |
| | 3 | 1 | Cell and Molecular Engineering | BMEN 3331* | | | |
| | 3 | 1 | Quantitative Physiology for Engineers | BMEN 3332* | | | |
| | 3 | 1 | Thermodynamics & Physical Chemistry in BMEN | BMEN 3315* | | | |
| | 3 | 1 | Introductory Biomechanics | BMEN 3399* | | | |
| | 3 | 1 | Feedback Systems in Biomedical Engineering | BMEN 4310* | | | |
| | 3 | 1 | Biomaterials and Medical Devices | BMEN 4360* | | | |
| | 3 | 1 | Senior Design Project I | BMEN 4388* | | | |
| | 3 | 1 | Senior Design Project II | BMEN 4389* | | | |
| | 3 | 1 | Major Prescribed Elective | BMEN 33XX/43XX* | | | |
| | 3 | 1 | Major Prescribed Elective | BMEN 33XX/43XX* | | | |
| | _ | l i | Major Prescribed Elective | | | | |
| | 3 | 1 | , | BMEN 33XX/43XX* | | | |
| | | 1 | Major Prescribed Elective | BMEN 33XX/43XX* | | | |
| 10 | 3 55 | 1,2 | Professional & Technical Communication | ECS 3390* | | | |
| 10 | 55 | _ | REMAINING | CORE CURRICULUM | | | |
| 3 | | 1 | Rhetoric | RHET 1302 | | | |
| 3 | | | American National Government | GOVT 2305 | | | |
| 3 | Ì | | State and Local Government | GOVT 2306 | | | |
| 3 | Ì | 4 | US History Survey to Civil War (Core: 060) | HIST 1301 | | | |
| 3 | | 4 | US History Survey from Civil War (Core: 060) | HIST 1302 | | | |
| 3 | Ì | 4 | Exploration of the Humanities (Core: 040) | HUMA 1301 | | | |
| 3 | | 4 | Exploration of the Arts (Core: 050) | ARTS 1301 | | | |
| 3 | | 4 | Social Behavioral Science (Core: 080) | SOC 1301 | | | |
| 24 | | | (| 1000.00. | | <u> </u> | |
| | • | . | ELECTIVES (0 Hours | - Requires Approval fron | n Advisor) | | |
| 0 | | 7 | Freshmen Seminar | UNIV 1010 | | | |
| 0 | | 8 | Core Curriculum Assessment | UNIV 2020 | | | |
| 70 | | | Total Haura 420 haura required for any disch | ion Mustinglude 54 k | ro oo Hamaa Pi | vicion *** | |
| 73 Ma | | | Total Hours 128 hours required for graduat it. Must earn C- or better to receive credit. 2. Course meets both | | | | |
| | | | ons available. See Advisor for details. 5. Must take Chem 232 | , , | • | MAI 27 10/27 14/24 13 | J 51 Maul 27 17/24 13. |
| | | | ons available. See Advisor for details. 5. Must take Chem 232 en (FTIC) must enroll and complete requirements of UNIV 1010 a | | • | eminar course | |
| | _ | | g transfer students, who complete their core curriculum at UTD | , , | acca nesimien se | Anniai Goulae. | |
| | | Major C | | | | | |
| | | | | /o 2 0 GPA in all Major requirem | ente to graduate | Studente must also | complete 45 hours in |
| | | | num cumulative 2.0 GPA in all UTD coursework and a cumulativ lete 24 of the last 30 hours at UTD. No off-campus courses in th | | ento to graduate. | Grandellis must also | oomplete 45 Hours In |

residence and complete 24 of the last 30 hours at UTD. No off-campus courses in the last semester allowed.