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| Students must follow full TI academic program (29 credits), and can request the following changes (per semester):  
  • Drop one course  
  • Add one course from prospective faculty  
  • Take higher level courses in Hebrew (if available) | Biotechnology & Food Engineering | • At least 21 credits.  
  • A minimal grade of 70 in each course.  
  • Overall average grade of 80 or above. | • 125001, General Chemistry  
  • 104003, Calculus I  
  • 104019, Linear Algebra  
  • 114051, Physics I |
| Aerospace Engineering | • At least 21 credits.  
  • A minimal grade of 70 in each course.  
  • Overall average grade of 80 or above.  
  • Complete Hebrew studies required by Technion International. | • 314535, Introduction to Materials Engineering  
  • 104003, Calculus I  
  • 104019, Linear Algebra  
  • 114051, Physics I  
  • 014103, Introduction to Engineering Mechanics |
| Mechanical Engineering | • At least 30 credits  
  • Success rate of 75% or more  
  • Overall average grade of 80 or above.  
  ○ Take at least 8 credits of the following courses (offered only in Hebrew):  
  • Introduction to Probability and Statistics  
  • Physics 2  
  • Differential Equations  
  • Solid Mechanics 2  
  • Calculus 2M  
  • General Chemistry Lab  
  • 234126, Introduction to Computer Language C  
  • 314535, Introduction to Materials Engineering (can be considered as general elective)  
  In addition, the faculty may require that the student make up for material in Calculus 1 and Linear Algebra during the first semester of Mechanical Engineering. | • 1st Semester (6 credits)  
  • 125001, General Chemistry  
  • 014008, Graphical Engineering Information (can be considered as Computer Based Engineering Drawing)  
  ○ 2nd Semester (16 credits)  
  • 104003, Calculus I  
  • 104019, Linear Algebra  
  • 114051, Physics I  
  • 014103, Introduction to Engineering Mechanics (can be considered as Solid Mechanics 1, if the student passes Solid Mechanics 2 with 70 or above). |