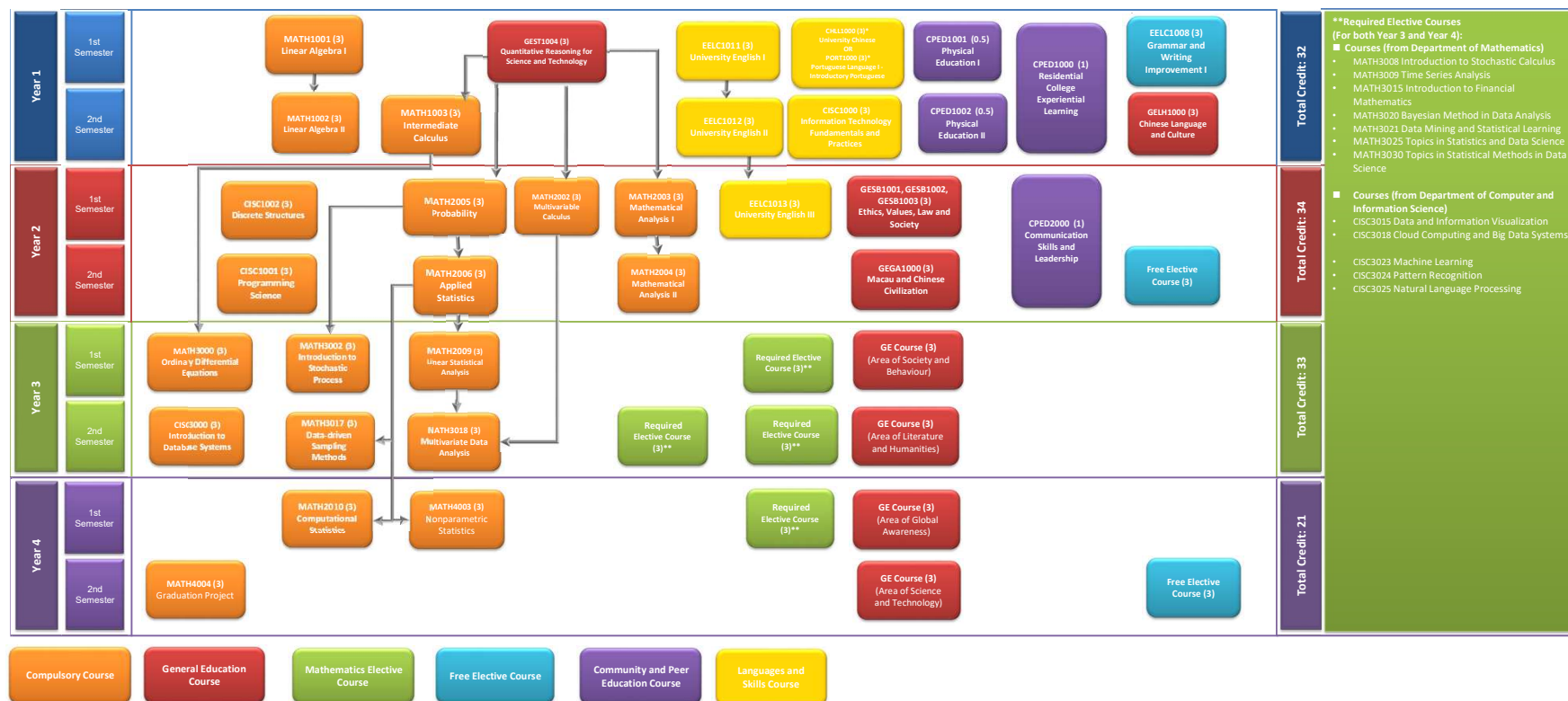


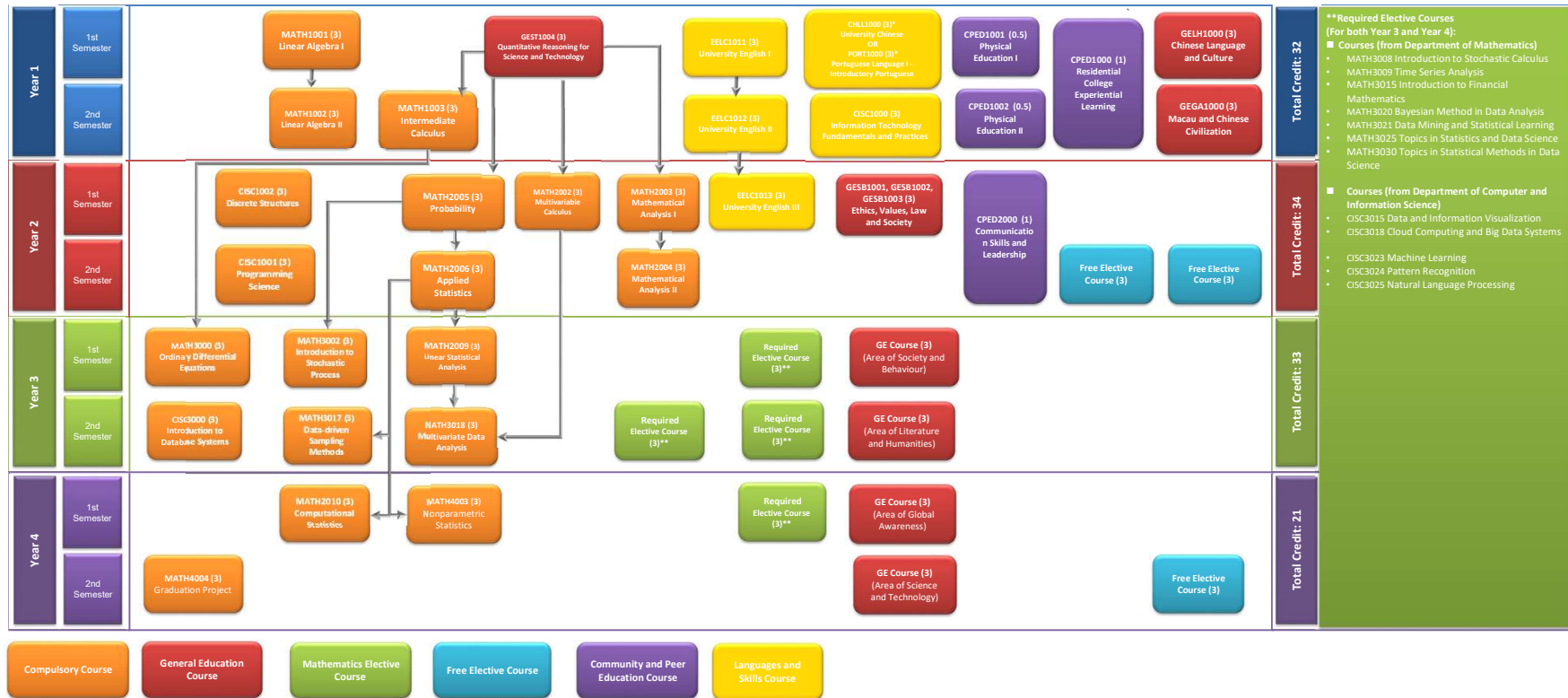
Statistics and Data Science specialization (SDS23, E1a)



Remark:

* Students who test out this course should take GEGA1000 in this semester. They are required to make up the credits by taking additional Free Elective(s) later.

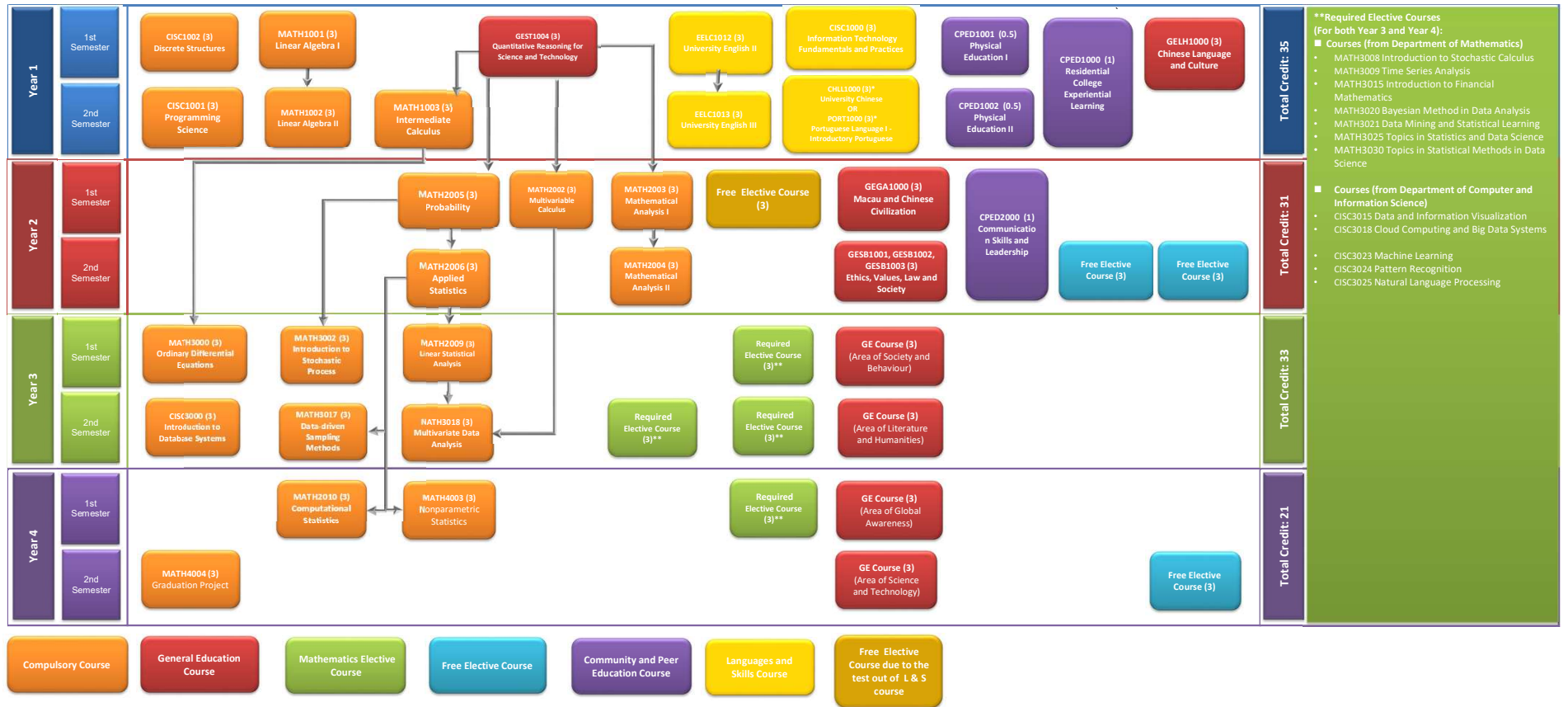
Statistics and Data Science specialization (SDS23, E1b)



Remark:

* Students who test out this course should take GEGA1000 in this semester. They are required to make up the credits by taking additional Free Elective(s) later.

Statistics and Data Science specialization (SDS23, E2)

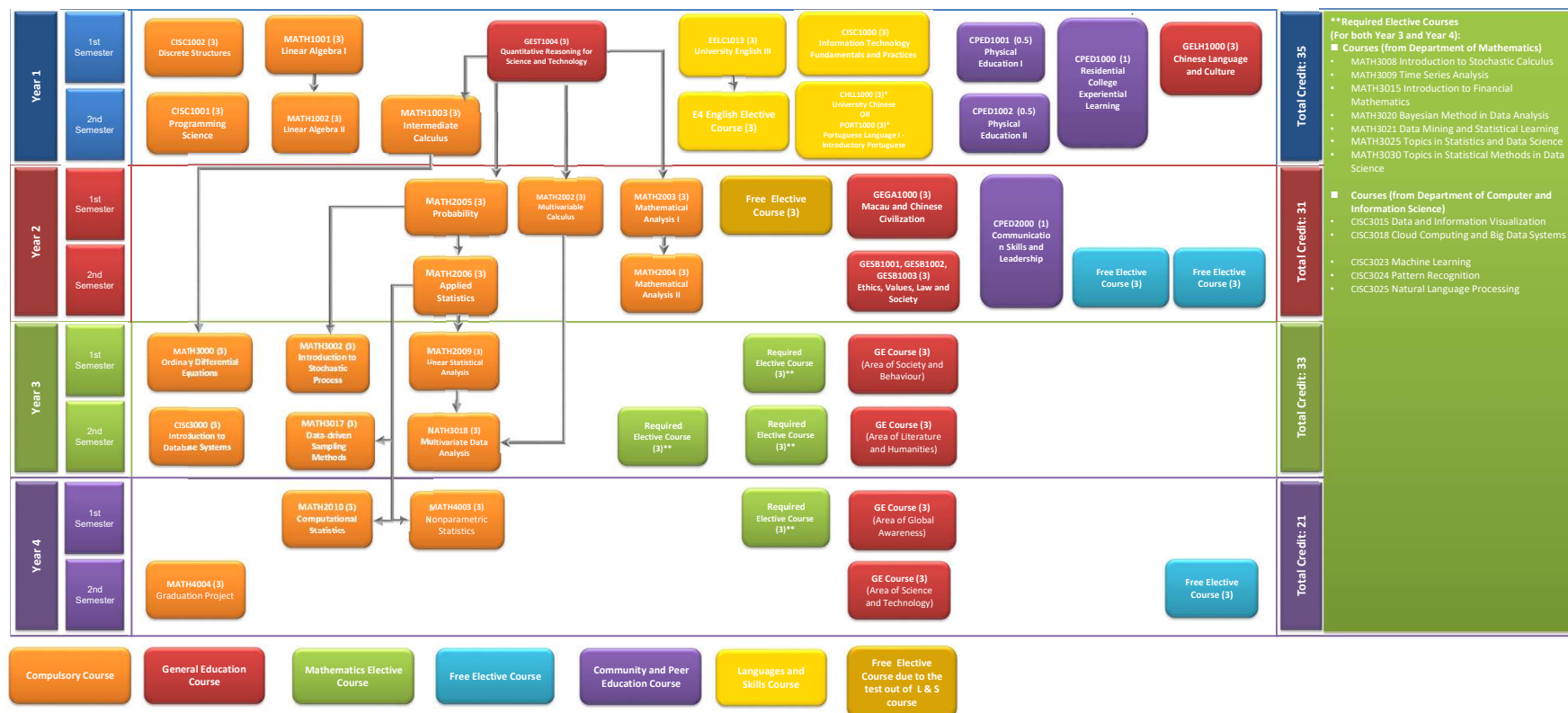


- **Required Elective Courses (For both Year 3 and Year 4):**
- Courses (from Department of Mathematics)
 - MATH3008 Introduction to Stochastic Calculus
 - MATH3009 Time Series Analysis
 - MATH3015 Introduction to Financial Mathematics
 - MATH3020 Bayesian Method in Data Analysis
 - MATH3021 Data Mining and Statistical Learning
 - MATH3025 Topics in Statistics and Data Science
 - MATH3030 Topics in Statistical Methods in Data Science
 - Courses (from Department of Computer and Information Science)
 - CISC3015 Data and Information Visualization
 - CISC3018 Cloud Computing and Big Data Systems
 - CISC3023 Machine Learning
 - CISC3024 Pattern Recognition
 - CISC3025 Natural Language Processing

Remark:

* Students who test out of some or all of the Languages and Skills course(s) are required to make up the credits by taking additional Free Elective(s).

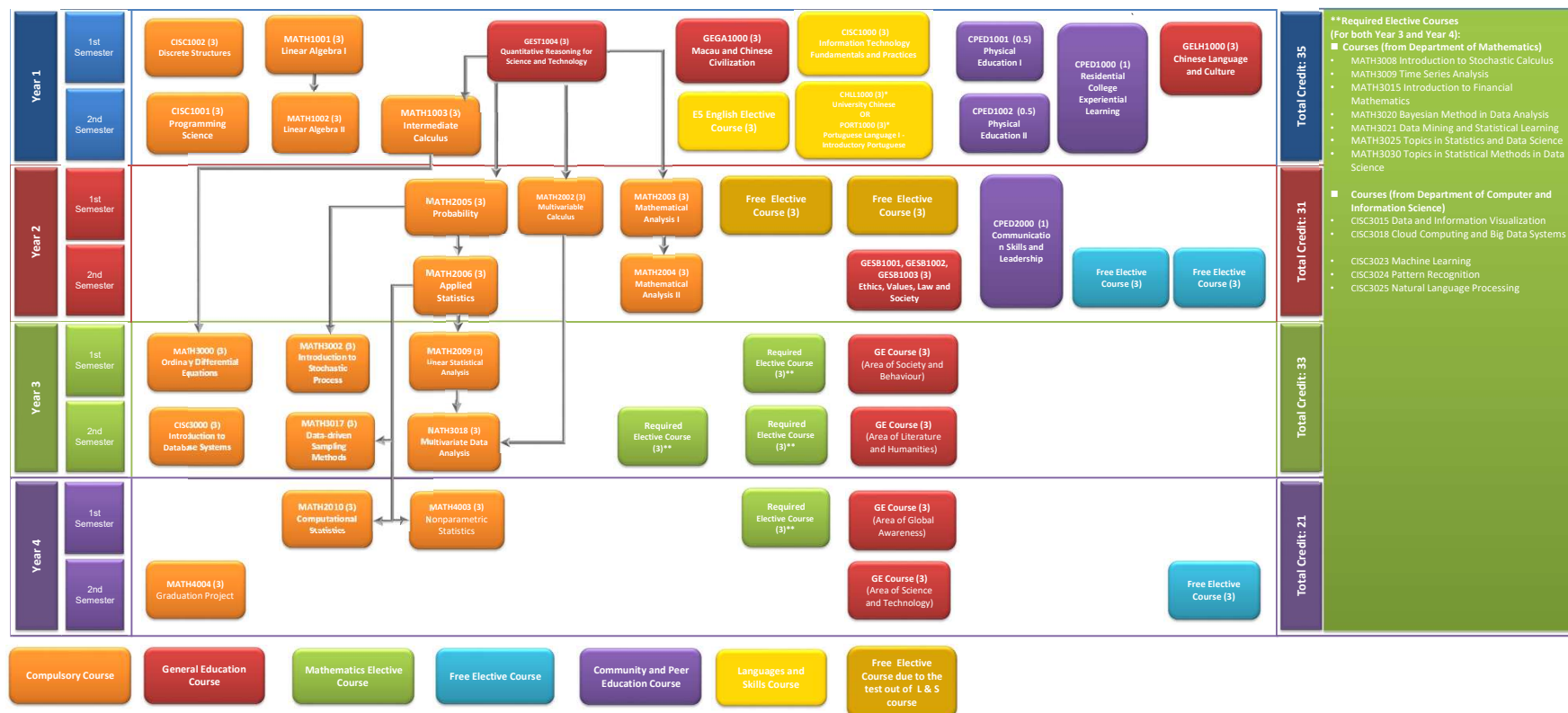
Statistics and Data Science specialization (SDS23, E3)



Remark:

* Students who test out of some or all of the Languages and Skills course(s) are required to make up the credits by taking additional Free Elective(s).

Statistics and Data Science specialization (SDS23, E5)



**Required Elective Courses

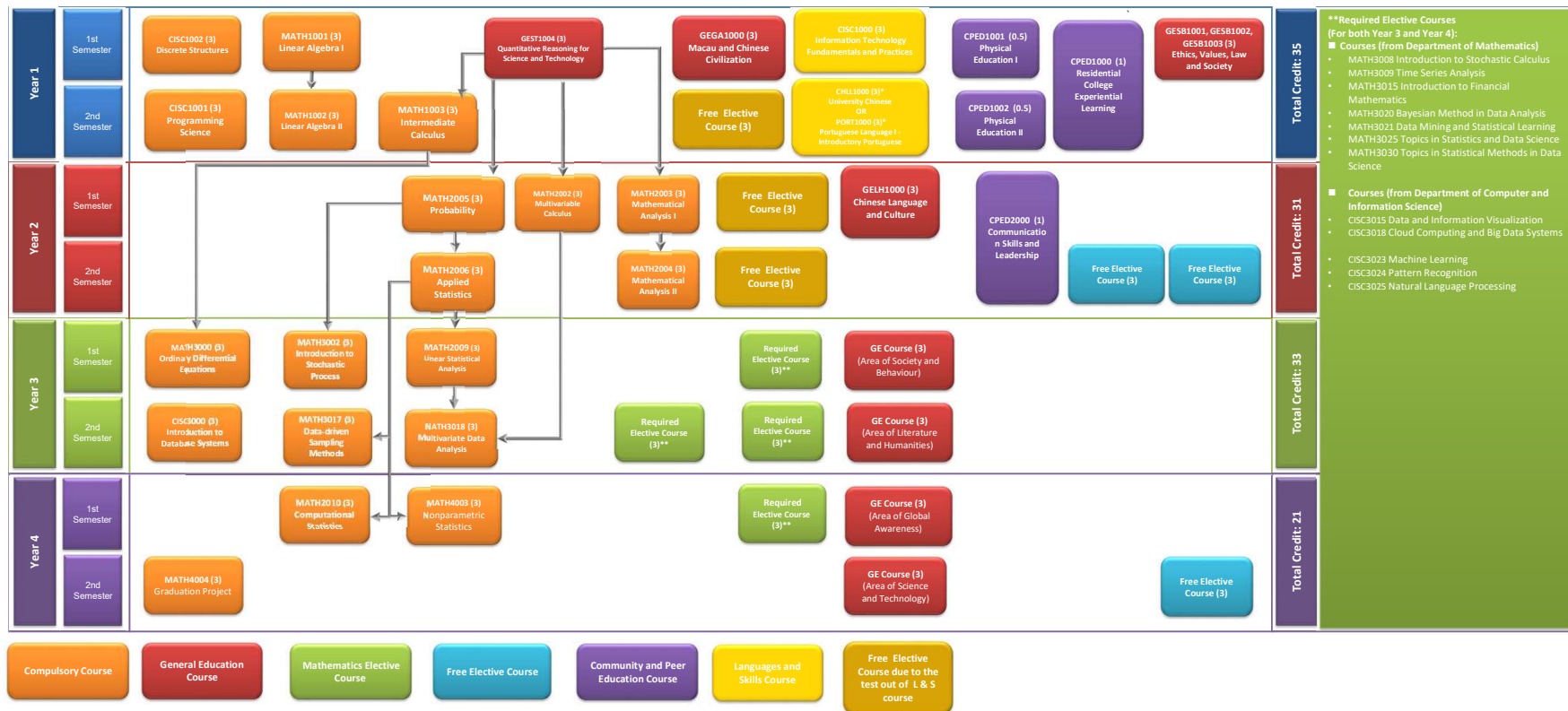
(For both Year 3 and Year 4):

- Courses (from Department of Mathematics)
 - MATH3008 Introduction to Stochastic Calculus
 - MATH3009 Time Series Analysis
 - MATH3015 Introduction to Financial Mathematics
 - MATH3020 Bayesian Method in Data Analysis
 - MATH3021 Data Mining and Statistical Learning
 - MATH3025 Topics in Statistics and Data Science
 - MATH3030 Topics in Statistical Methods in Data Science

■ Courses (from Department of Computer and Information Science)

- CISC3015 Data and Information Visualization
- CISC3018 Cloud Computing and Big Data Systems
- CISC3023 Machine Learning
- CISC3024 Pattern Recognition
- CISC3025 Natural Language Processing

Statistics and Data Science specialization (SDS23, EngCW)



****Required Elective Courses**
(For both Year 3 and Year 4):

- Courses (from Department of Mathematics)
 - MATH3008 Introduction to Stochastic Calculus
 - MATH3009 Time Series Analysis
 - MATH3015 Introduction to Financial Mathematics
 - MATH3020 Bayesian Method in Data Analysis
 - MATH3021 Data Mining and Statistical Learning
 - MATH3025 Topics in Statistics and Data Science
 - MATH3030 Topics in Statistical Methods in Data Science
- Courses (from Department of Computer and Information Science)
 - CISC3015 Data and Information Visualization
 - CISC3018 Cloud Computing and Big Data Systems
 - CISC3023 Machine Learning
 - CISC3024 Pattern Recognition
 - CISC3025 Natural Language Processing

Remark:

* Students who test out of some or all of the Languages and Skills course(s) are required to make up the credits by taking additional Free Elective(s).