

Flow Chart of Disciplinary Courses for B Arts and Science in Applied AI

Concentration (See remarks below)

- █ AI Technology
- █ Medicine
- █ Smart City
- █ Neurocognitive Science
- █ Business and Finance
- █ Applied to all

Color Scheme

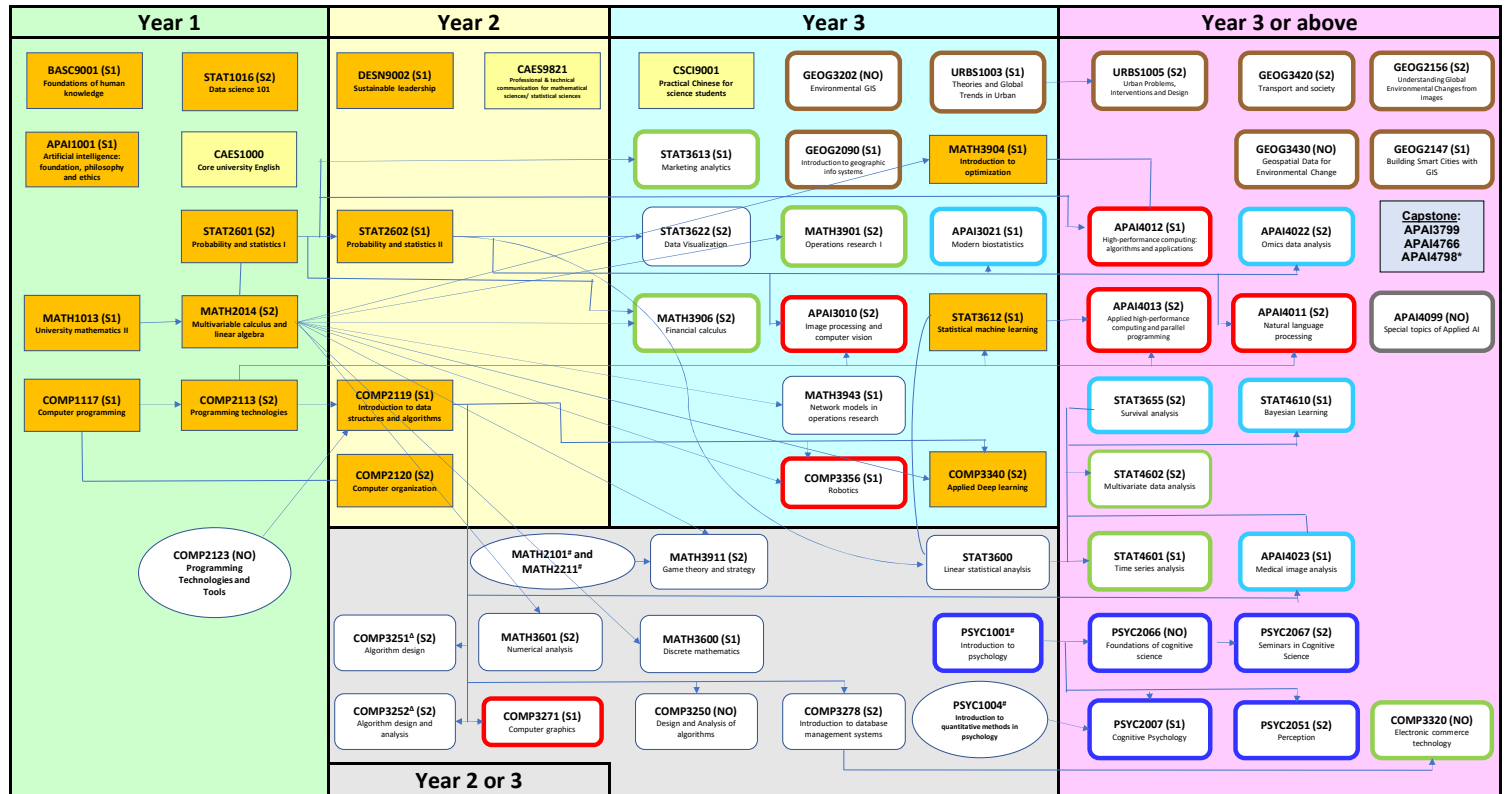
- Year 1
- Year 2
- Year 2 or 3
- Year 3
- Year 3 or above

Shape Scheme

- Core
- Elective (at least 6 credits from List A*)
- Capstone requirement
- Language courses

Symbol

- S1** = Offered in 1st Semester
- S2** = Offered in 2nd Semester
- NO** = Not offered
- Pre-requisite (passed the course)
- Co-requisite (passed or already enrolled the course)
- * 12 credits course
- # No suggested semester to complete this course
- Δ It is recommended that students opt for COMP3251 Algorithm design instead of COMP3252 Algorithm design and analysis when selecting elective courses between COMP3251 and COMP3252.



Remarks:

- (1) As one of the graduation requirements, students must fulfill at least one of the five concentrations by completing at least 18 credits of courses prescribed specially for each corresponding concentration. Students may declare concentration(s) in their senior years of study (e.g. year 3 or 4), and are recommended to pursue (a) AI Technology, and if applicable, supplemented with a second concentration from (b) to (e). Upon graduation, a certification letter confirming the completion of the chosen concentration(s) will be provided for students.
- (2) If there are any courses (offered by SAAS or not) mutually exclusive to any Core courses, students must take the course stated in the curriculum to fulfil the degree requirement of the First Major. Course replacement should only be applied for the other Major(s) or Minor(s).
- (3) The information shown in this flow chart is just for your understanding of the interconnection of different courses. Students must follow the most updated course information (pre-requisite, offering semester, etc.) and syllabus given on the Faculty website and in class.
- (4) Language courses: CAES1000 Core University English for students whose DSE English language score is below 5; CAES9821 Professional & Technical Communication for Mathematical Sciences (for 2022-23 cohort or before) / Statistical Sciences (for 2023-24 cohort or thereafter) in Year 2 and CSC19001 Practical Chinese for Science Students in Year 3.

Updated 21/08/2024

Flow Chart of Disciplinary Courses for B Arts and Science in Applied AI: Concentration AI Technology

Color Scheme

| | |
|--------|-----------------|
| Green | Year 1 |
| Yellow | Year 2 |
| Grey | Year 2 or 3 |
| Blue | Year 3 |
| Pink | Year 3 or above |

Shape Scheme

| | |
|-----------|---|
| Rectangle | Core |
| Rounded | Elective (at least 6 credits from List A [†]) |
| Rectangle | Capstone rerequirement |
| Rectangle | Language courses |

Symbol

S1 = Offered in 1st Semester

S2 = Offered in 2nd Semester

NO = Not offered

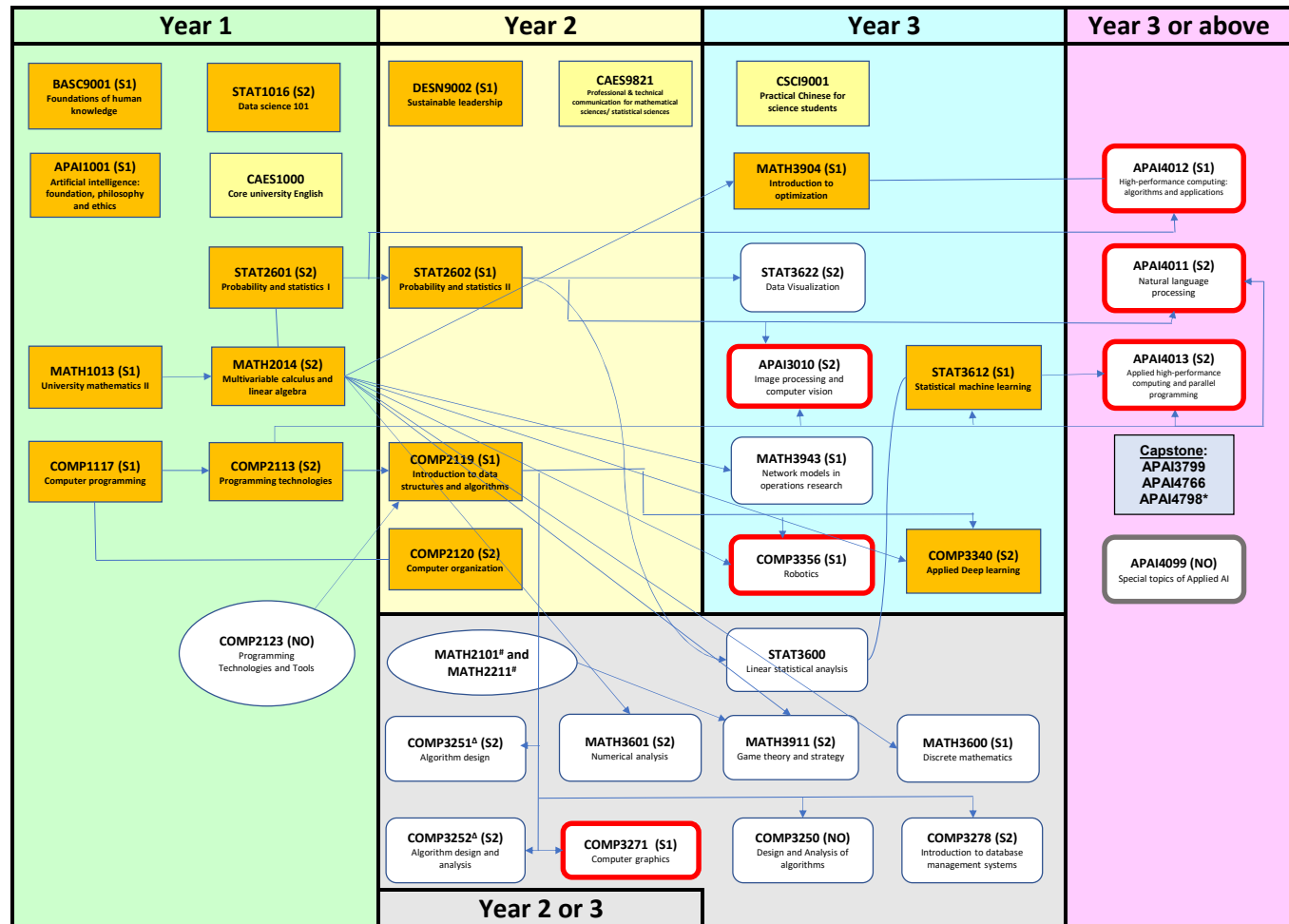
→ Pre-requisite (passed the course)

— Co-requisite (passed or already enrolled the course)

* 12 credits course

No suggested semester to complete this course

Δ Students should opt for COMP3251 over COMP3252 if they would like to take one of them as elective.



Remarks:

- As one of the graduation requirements, students must fulfill at least one of the five concentrations by completing at least 18 credits of courses prescribed specially for each corresponding concentration. Students may declare concentration(s) in their senior years of study (e.g. year 3 or 4), and are recommended to pursue (a) AI Technology, and if applicable, supplemented with a second concentration from (b) to (e). Upon graduation, a certification letter confirming the completion of the chosen concentration(s) will be provided for students.
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- Language courses: CAES1000 Core University English for students whose DSE English language score is below 5; CAES9821 Professional & Technical Communication for Mathematical Sciences (for 2022-23 cohort or before) / Statistical Sciences (for 2023-24 cohort or thereafter) in Year 2 and CSC9001 Practical Chinese for Science Students in Year 3.

Flow Chart of Disciplinary Courses for B Arts and Science in Applied AI: Concentration AI in Business and Finance

Color Scheme

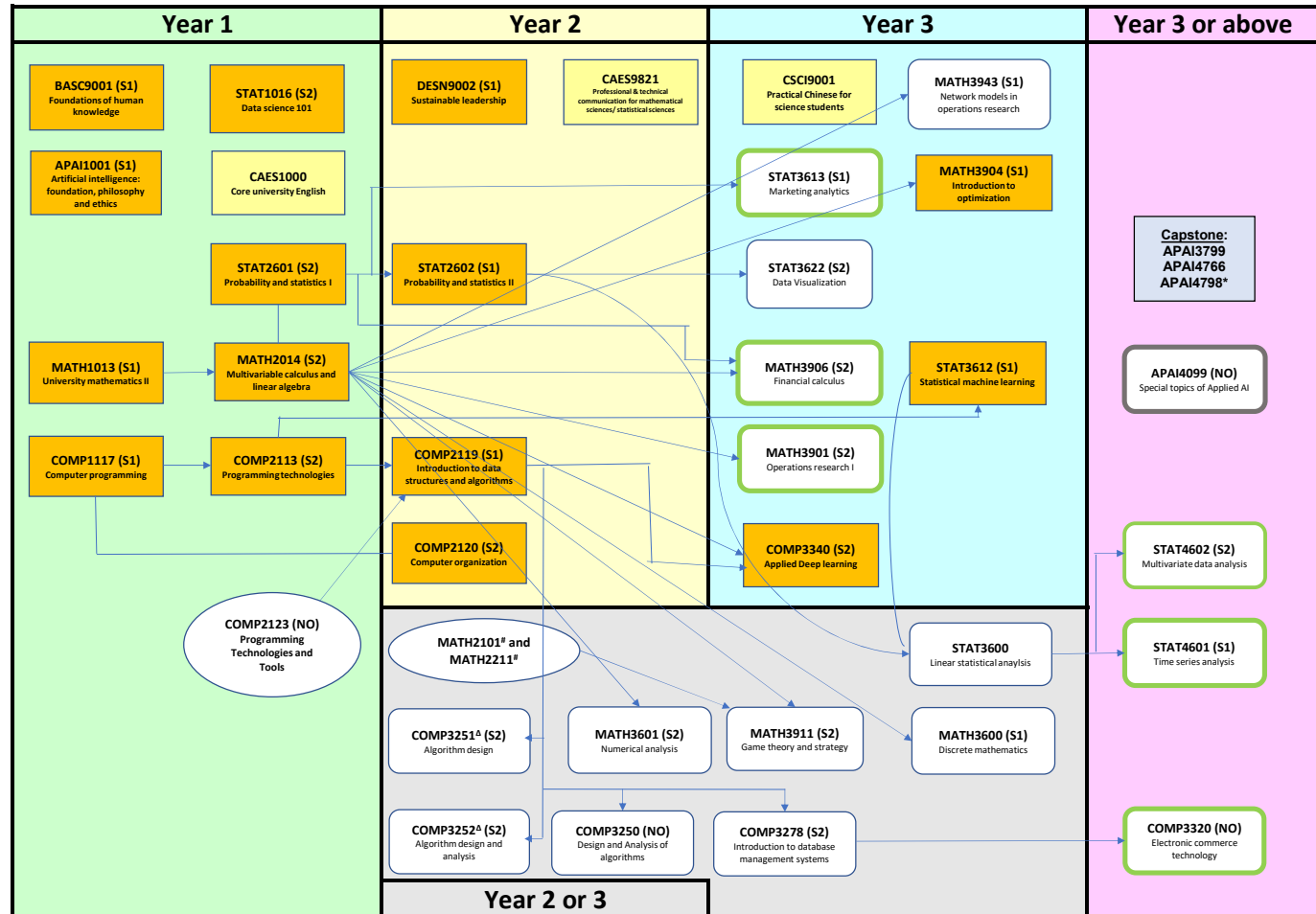
| | |
|--------|-----------------|
| Green | Year 1 |
| Yellow | Year 2 |
| Grey | Year 2 or 3 |
| Blue | Year 3 |
| Pink | Year 3 or above |

Shape Scheme

| | |
|-----------|---|
| Rectangle | Core |
| Rounded | Elective (at least 6 credits from List A ¹) |
| Rectangle | Capstone prerequisite |
| Rectangle | Language courses |

Symbol

- S1 = Offered in 1st Semester
- S2 = Offered in 2nd Semester
- NO = Not offered
- Pre-requisite (passed the course)
- Co-requisite (passed or already enrolled the course)
- * 12 credits course
- # No suggested semester to complete this course
- Δ Students should opt for COMP3251 over COMP3252 if they would like to take one of them as elective.



Remarks:

- (1) As one of the graduation requirements, students must fulfill at least one of the five concentrations by completing at least 18 credits of courses prescribed specially for each corresponding concentration. Students may declare concentration(s) in their senior years of study (e.g. year 3 or 4), and are recommended to pursue (a) AI Technology, and if applicable, supplemented with a second concentration from (b) to (e). Upon graduation, a certification letter confirming the completion of the chosen concentration(s) will be provided for students.
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Flow Chart of Disciplinary Courses for B Arts and Science in Applied AI: Concentration AI in Medicine

Color Scheme

| | |
|--------|-----------------|
| Green | Year 1 |
| Yellow | Year 2 |
| Grey | Year 2 or 3 |
| Blue | Year 3 |
| Pink | Year 3 or above |

Shape Scheme

| | |
|-----------|---|
| Rectangle | Core |
| Rounded | Elective (at least 6 credits from List A [#]) |
| Rectangle | Capstone rerequirement |
| Rectangle | Language courses |

Symbol

S1 = Offered in 1st Semester

S2 = Offered in 2nd Semester

NO = Not offered

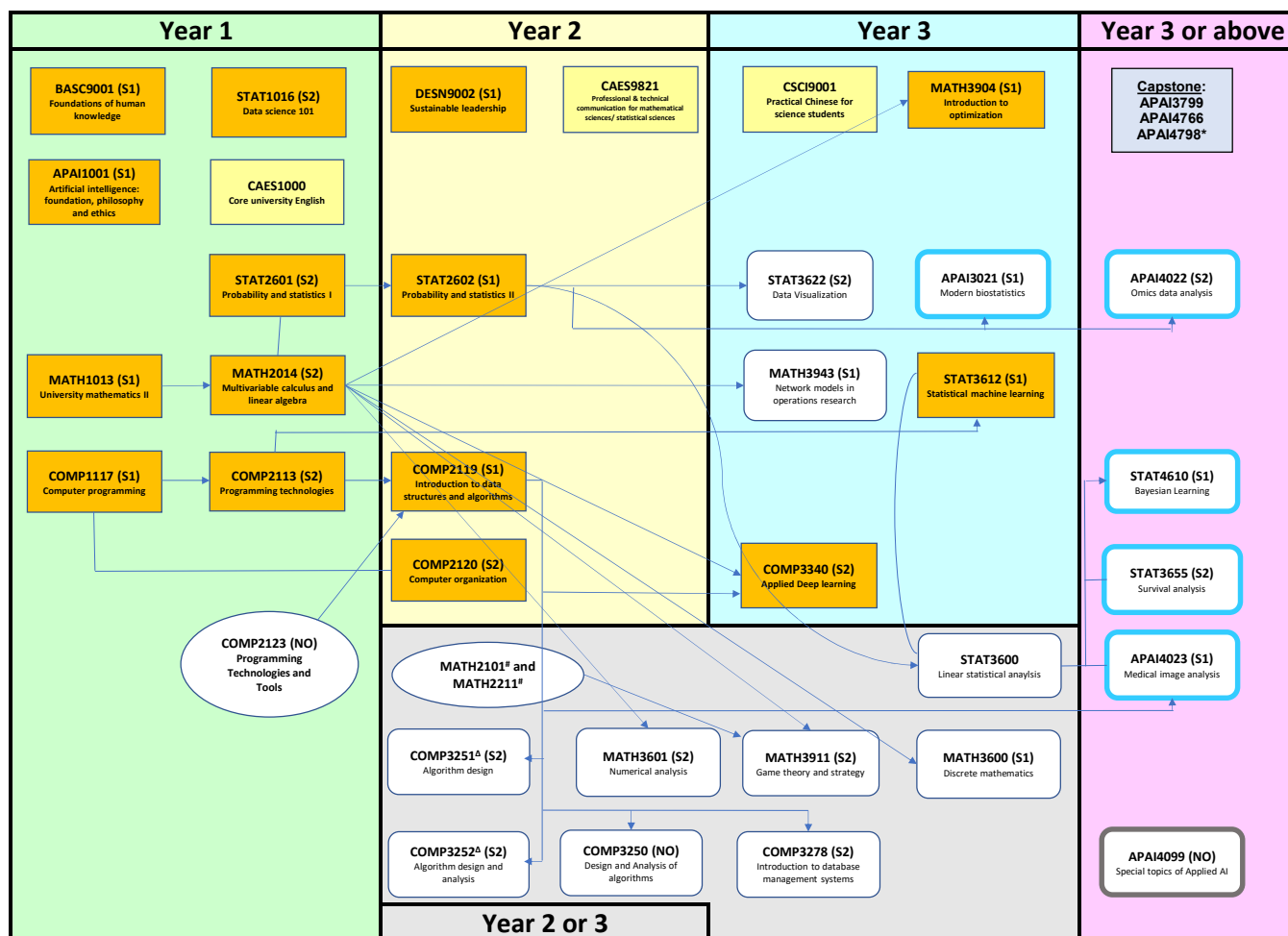
→ Pre-requisite (passed the course)

— Co-requisite (passed or already enrolled the course)

* 12 credits course

No suggested semester to complete this course

Δ Students should opt for COMP3251 over COMP3252 if they would like to take one of them as elective.



Remarks:

- As one of the graduation requirements, students must fulfill at least one of the five concentrations by completing at least 18 credits of courses prescribed specially for each corresponding concentration. Students may declare concentration(s) in their senior years of study (e.g. year 3 or 4), and are recommended to pursue (a) AI Technology, and if applicable, supplemented with a second concentration from (b) to (e). Upon graduation, a certification letter confirming the completion of the chosen concentration(s) will be provided for students.
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Flow Chart of Disciplinary Courses for B Arts and Science in Applied AI: Concentration AI in Smart City

Color Scheme

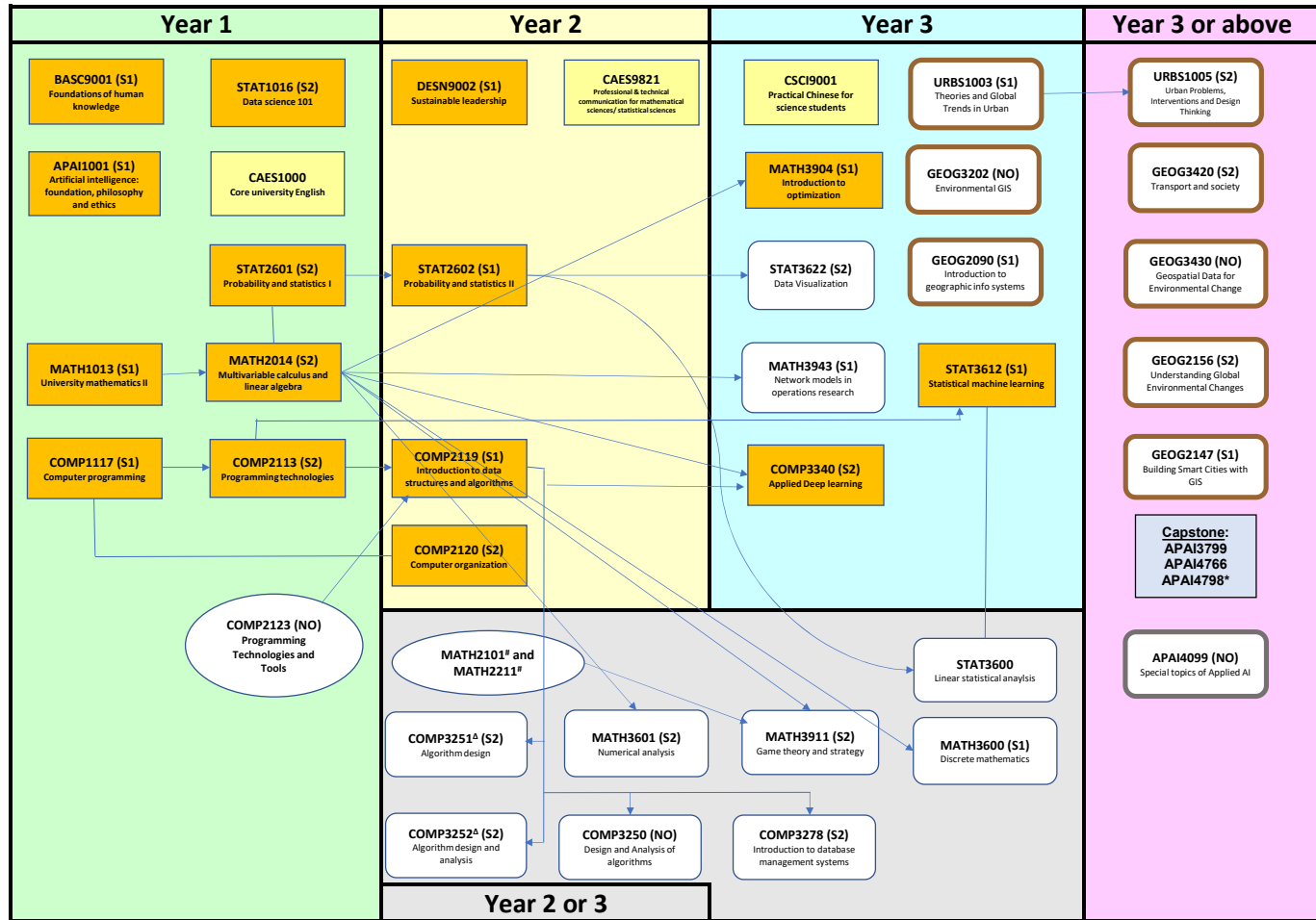
| | |
|--------|-----------------|
| Green | Year 1 |
| Yellow | Year 2 |
| Grey | Year 2 or 3 |
| Blue | Year 3 |
| Pink | Year 3 or above |

Shape Scheme

| | |
|-----------|---|
| Rectangle | Core |
| Rounded | Elective (at least 6 credits from List A ¹) |
| Rectangle | Capstone rerequirement |
| Rectangle | Language courses |

Symbol

- S1 = Offered in 1st Semester
- S2 = Offered in 2nd Semester
- NO = Not offered
- Pre-requisite (passed the course)
- Co-requisite (passed or already enrolled the course)
- * 12 credits course
- # No suggested semester to complete this course
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Remarks:

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Flow Chart of Disciplinary Courses for B Arts and Science in Applied AI: Concentration Neurocognitive Science

Color Scheme

| | |
|--------|-----------------|
| Green | Year 1 |
| Yellow | Year 2 |
| Grey | Year 2 or 3 |
| Blue | Year 3 |
| Pink | Year 3 or above |

Shape Scheme

| | |
|-----------|---|
| Rectangle | Core |
| Rounded | Elective (at least 6 credits from List A [#]) |
| Rectangle | Capstone rerequirement |
| Rectangle | Language courses |

Symbol

S1 = Offered in 1st Semester

S2 = Offered in 2nd Semester

NO = Not offered

→ Pre-requisite (passed the course)

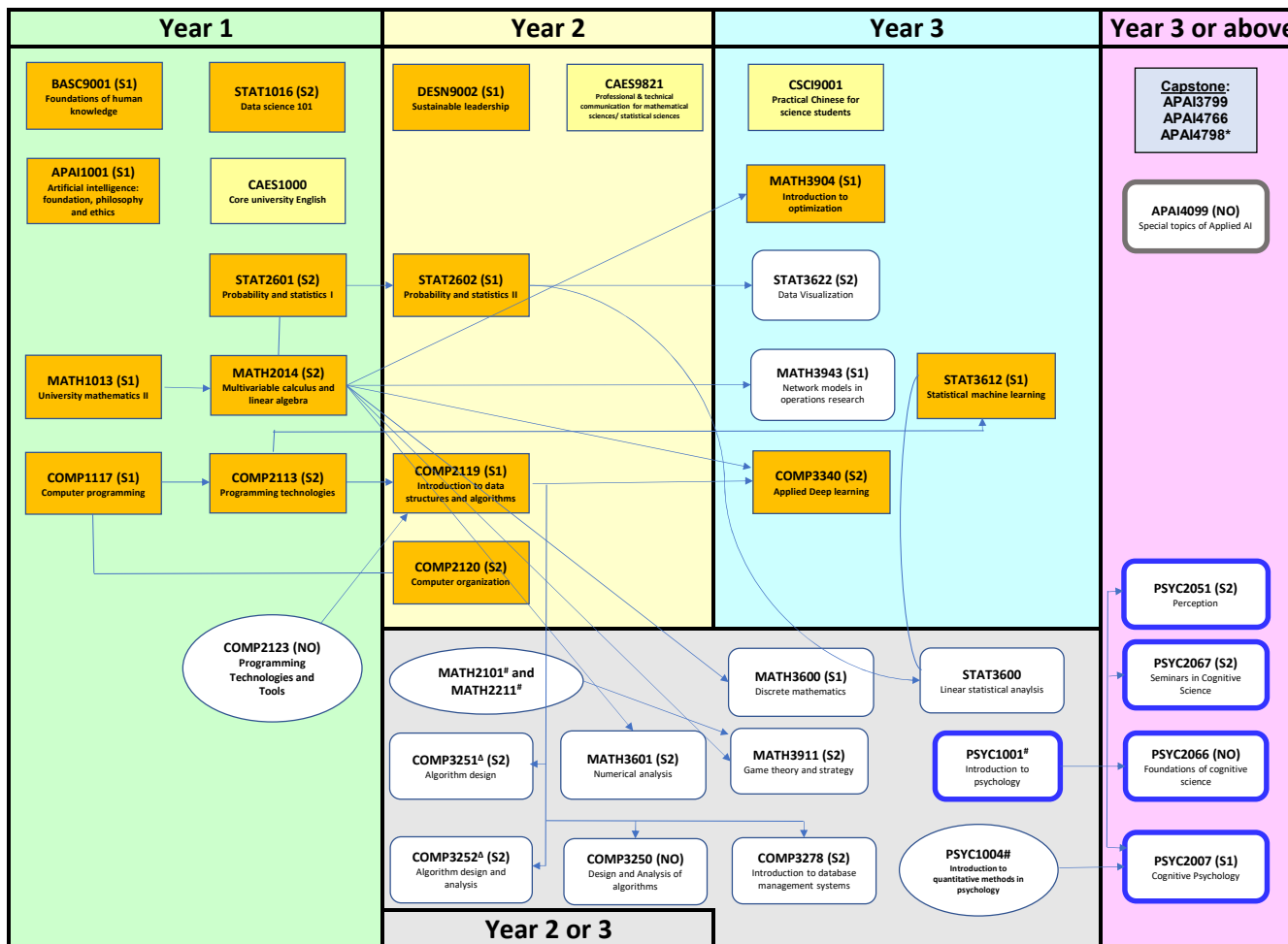
— Co-requisite (passed or already enrolled the course)

* 12 credits course

No suggested semester to complete this course

Δ Students should opt for COMP3251 over COMP3252

if they would like to take one of them as elective.



Remarks:

- As one of the graduation requirements, students must fulfill at least one of the five concentrations by completing at least 18 credits of courses prescribed specially for each corresponding concentration. Students may declare concentration(s) in their senior years of study (e.g. year 3 or 4), and are recommended to pursue (a) AI Technology, and if applicable, supplemented with a second concentration from (b) to (e). Upon graduation, a certification letter confirming the completion of the chosen concentration(s) will be provided for students.
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