



**Double Degree Programme in
Computer Science and Economics Curriculum Structure**
Applicable to students matriculated in AY2020 and after

The BEng (CS) and BSocSci (Econs) is a 5-year double degree programme hosted by School of Computer Science and Engineering and the Economics Division of the School of Social Sciences (SSS). Students under this programme can opt to take the 10-week Professional Attachment or 20-week Professional Internship.

Polytechnic students may be exempted up to a total of 9 AUs in the following courses:

- a. Technical Elective 1 (Core elective, CZ4xxx courses) - 3 AUs
 - b. Technical Elective 2 (Core elective, to be taken from CZ4xxx courses) – 3 AUs
 - c. CZ1103 Introduction to Computational Thinking & Programming* (Core) - 3 AUs
- *subjected to passing the exemption test

Overview of AUs requirement

Option 1: 10-week Professional Attachment (PA)

| Year of Study | Core (CS) | Core (ECON) | Major Prescribed Elective (MPE) (CS) | Major Prescribed Elective (MPE) (ECON) | General Education Requirement (GER) | Unrestricted Elective (UE) | Total |
|---------------|-----------|-------------|--------------------------------------|----------------------------------------|-------------------------------------|----------------------------|------------|
| | | | | | Core | | |
| 1 | 8 | 6 | | | 7 | | 21 |
| | 12 | 6 | | | 4 | | 22 |
| 2 | 15 | 3 | | | | | 18 |
| | 12 | 6 | | | | | 18 |
| 3 | 9 | | | 3 | 1 | 3 | 16 |
| | 7 | | 3 | 3 | 2 | | 15 |
| | 5 | | | | | | 5 |
| 4 | 3 | 4 | 6 | 3 | | | 16 |
| | 8 | | 6 | 3 | | 2 | 19 |
| 5 | | | 3 | 12 | | | 15 |
| | | | | 15 | | | 15 |
| Total | 79 | 25 | 18 | 39 | 14 | 5 | 180 |



Option 2: 20-week Professional Internship (PI)

| Year of Study | Core (CS) | Core (ECON) | Major Prescribed Elective (MPE) (CS) | Major Prescribed Elective (MPE) (ECON) | General Education Requirement (GER) | Total |
|---------------|-----------|-------------|--------------------------------------|----------------------------------------|-------------------------------------|------------|
| | | | | | Core | |
| 1 | 8 | 6 | | | 7 | 21 |
| | 12 | 6 | | | 4 | 22 |
| 2 | 15 | 3 | | | | 18 |
| | 12 | 6 | | | | 18 |
| 3 | 10 | | | 6 | | 16 |
| | 6 | | | 12 | 2 | 20 |
| 4 | 3 | 4 | 9 | 3 | 1 | 20 |
| | 10 | | | | | 10 |
| 5 | | | 3 | 10 | | 13 |
| | 8 | | 6 | 8 | | 22 |
| Total | 84 | 25 | 18 | 39 | 14 | 180 |



Option 1: 10-week Professional Attachment (PA)

| Course Code and Title | Type (i.e. Core/ MPE/ GER core/ GER PE/UE) | No of Hours Per Week | | | | AU | Pre-requisite / Remarks |
|--------------------------------------------------------------------|--------------------------------------------------------|----------------------|----------|--------------------------|-----------|-----------|----------------------------|
| | | Lec / TEL | Tut | Lab/ Example class | Total | | |
| YEAR 1 SEMESTER 1 | | | | | | | |
| MH1810 Mathematics I | Core (CS) | 2 | 1 | - | 3 | 3 | - |
| EG0001 Engineers and Society# | GER core | 2 | 1 | - | 3 | 3 | |
| CZ1103 Introduction to Computational Thinking & Programming* | Core (CS) | 2 | 0 | 2 | 4 | 3 | - |
| CZ1113 Physics for Computing | Core (CS) | 2 | 0 | 1 | 3 | 2 | - |
| HE1001 Microeconomic Principles | Core (Econ) | 2 | 1 | - | 3 | 3 | - |
| HE1002 Macroeconomic Principles | Core (Econ) | 2 | 1 | - | 3 | 3 | |
| GC0001 Sustainability: Seeing Through The Haze | GER core | - | - | - | - | 1 | online course |
| HY0001 Ethics & Moral Reasoning | GER core | - | - | - | - | 1 | online course |
| HW0188 Engineering Communication | GER core | - | 2 | - | 2 | 2 | |
| TOTAL | | 12 | 6 | 3 | 21 | 21 | |

| | | | | | | | |
|-----------------------------------------------------------------------|-------------|-----------|----------|----------|-----------|-----------|------------------------------------------|
| YEAR 1 SEMESTER 2 | | | | | | | |
| MH1812 Discrete Mathematics | Core (CS) | 2 | 1 | - | 3 | 3 | - |
| CZ1105 Digital Logic (Engineering Fundamentals 1) | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | - |
| CZ1106 Computer Organisation and Architecture | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1105 (can be taken concurrently) |
| Engineering Fundamentals 2 | Core (CS) | 2 | 1 | - | 3 | 3 | - |
| HE1005 Intro to Probability & Statistical Inference | Core (Econ) | 2 | 1 | - | 4 | 3 | |
| HE2001 Intermediate Microeconomics | Core (Econ) | 2 | 1 | - | 3 | 3 | HE1001 |
| CZ1115 Introduction to Data Science and Artificial Intelligence | GER core | 2 | 0 | 2 | 4 | 3 | CZ1103 |
| ET0001 Enterprise & Innovation | GER core | - | - | - | - | 1 | online course |
| TOTAL | | 14 | 6 | 3 | 24 | 22 | |



| Course Code and Title | Type (i.e. Core/ MPE/ GER core/ GER PE/UE) | No of Hours Per Week | | | | AU | Pre-requisite / Remarks |
|-------------------------------------------------|---------------------------------------------------------|----------------------|----------|--------------------------|-------------|-----------|------------------------------------|
| | | Lec / TEL | Tut | Lab/ Example class | Total | | |
| YEAR 2 SEMESTER 1 | | | | | | | |
| CZ1104 Linear Algebra for Computing | Core (CS) | 2 | 1 | 1 | 4 | 3 | MH1810 |
| CZ1107 Data Structures and Algorithms | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1103 |
| CZ2100 Probability and Statistics for Computing | Core (CS) | 2 | 1 | - | 3 | 3 | MH1810 |
| CZ2002 Object Oriented Design & Programming | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1103 |
| CZ2006 Software Engineering | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ2002 (can be taken concurrently) |
| HE2005 Principles of Econometrics | Core (Econ) | 2 | 1 | - | 4 | 3 | HE1005 |
| TOTAL | | 12 | 6 | 2.5 | 21.5 | 18 | |

| | | | | | | | |
|--------------------------------------|-------------|-----------|----------|----------|-----------|-----------|-----------------------------------------|
| YEAR 2 SEMESTER 2 | | | | | | | |
| CZ2101 Algorithm Design and Analysis | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1107, MH1812 |
| CZ2005 Operating Systems | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1106, CZ1107 |
| CZ2007 Introduction to Databases | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ2101 (can be taken concurrently) |
| CZ3006 Net Centric Computing | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1104, CZ2100 |
| HE2002 Intermediate Macroeconomics | Core (Econ) | 2 | 1 | - | 3 | 3 | HE1002 |
| HE3021 Intermediate Econometrics | Core (Econ) | 2 | 1 | - | 3 | 3 | HE2005 or at least an A grade in HE2004 |
| TOTAL | | 12 | 6 | 2 | 20 | 18 | |



| Course Code and Title | Type (i.e. Core/ MPE/ GER core/ GER PE/UE) | No of Hours Per Week | | | | AU | Pre-requisite / Remarks |
|-----------------------------------------|--------------------------------------------------------|----------------------|----------|--------------------------|-------------|-----------|----------------------------|
| | | Lec / TEL | Tut | Lab/ Example class | Total | | |
| YEAR 3 SEMESTER 1 | | | | | | | |
| CZ3005 Artificial Intelligence | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1107, CZ1115, CZ2101 |
| CZ4062 Computer Security | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ2005 |
| CZ4031 Database System Principles | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ2007 |
| Unrestricted Elective | UE | 2 | 1 | - | 3 | 3 | |
| Econs PE 1 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| ML0003 Kickstart your Career Success | GER core | | | | | 1 | online course |
| TOTAL | | 10 | 5 | 1.5 | 16.5 | 16 | |

| | | | | | | | |
|--------------------------------------------|------------|----------|----------|----------|-----------|-----------|----------------------------|
| YEAR 3 SEMESTER 2 | | | | | | | |
| CZ3004 Multidisciplinary Design Project | Core (CS) | 1 | - | 3 | 4 | 4 | Year 3 standing |
| CZ3002 Advanced Software Engineering | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ2006 |
| CZ4xxx Prescribed Elective 1* | MPE (CS) | 2 | 1 | 0.5 | 3.5 | 3 | |
| HW0288^ Engineering Communication | GER core | - | 2 | - | 2 | 2 | HW0188, Year 3 standing |
| Econs PE 2 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| TOTAL | | 7 | 5 | 4 | 16 | 15 | |

^ Should there be insufficient vacancies, students will take Eng Comm in the following semester.

| | | | | | | | |
|--------------------------------|-----------|----------|----------|----------|----------|----------|----------------------------|
| YEAR 3 SPECIAL SEMESTER | | | | | | | |
| CZ3126 Professional Attachment | Core (CS) | - | - | - | - | 5 | ML0003, Year 3 standing |
| TOTAL | | - | - | - | - | 5 | |



| Course Code and Title | Type (i.e. Core/ MPE/ GER core/ GER PE/UE) | No of Hours Per Week | | | | AU | Pre-requisite / Remarks |
|------------------------------------------------|--------------------------------------------------------|----------------------|----------|--------------------------|-------------|-----------|----------------------------|
| | | Lec / TEL | Tut | Lab/ Example class | Total | | |
| YEAR 4 SEMESTER 1 | | | | | | | |
| CZ4179 Final Year Project | Core (CS) | - | - | - | - | - | Final year standing |
| CZ3001 Advanced Computer Architecture | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1106 |
| CZ4xxx Prescribed Elective 2* | MPE (CS) | 2 | 1 | 0.5 | 3.5 | 3 | |
| CZ4xxx Prescribed Elective 3 | MPE (CS) | 2 | 1 | 0.5 | 3.5 | 3 | |
| HE4010 Singapore Economy in a Globalised World | Core (Econ) | 2 | 2 | - | 4 | 4 | HE2001, HE2002 |
| Econs PE 3 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| TOTAL | | 10 | 6 | 1.5 | 17.5 | 16 | |

| | | | | | | | |
|------------------------------|------------|----------|----------|----------|-----------|-----------|-------------------|
| YEAR 4 SEMESTER 2 | | | | | | | |
| CZ4179 Final Year Project | Core (CS) | - | - | - | - | 8 | |
| CZ4xxx Prescribed Elective 4 | MPE (CS) | 2 | 1 | 0.5 | 3.5 | 3 | |
| CZ4xxx Prescribed Elective 5 | MPE (CS) | 2 | 1 | 0.5 | 3.5 | 3 | |
| Econs PE 4 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| Unrestricted Elective | UE | 1 | - | - | 1 | 2 | |
| TOTAL | | 7 | 3 | 1 | 11 | 19 | |



| Course Code and Title | Type (i.e. Core/ MPE/ GER core/ GER PE/UE) | No of Hours Per Week | | | | AU | Pre-requisite / Remarks |
|------------------------------|--------------------------------------------------------|----------------------|----------|--------------------------|-------------|-----------|----------------------------|
| | | Lec / TEL | Tut | Lab/ Example class | Total | | |
| YEAR 5 SEMESTER 1 | | | | | | | |
| CZ4xxx Prescribed Elective 6 | MPE (CS) | 2 | 1 | 0.5 | 3.5 | 3 | |
| Econs PE 5 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| Econs PE 6 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| Econs PE 7 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| Econs PE 8 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| TOTAL | | 10 | 5 | 0.5 | 15.5 | 15 | |

| | | | | | | | |
|--------------------------|------------|----------|----------|----------|-----------|-----------|----------------|
| YEAR 5 SEMESTER 2 | | | | | | | |
| Econs PE 9 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| Econs PE 10 | MPE (Econ) | 2 | 2 | - | 4 | 4 | HE1005, HE2005 |
| Econs PE 11 | MPE (Econ) | 2 | 2 | - | 4 | 4 | HE1005, HE2005 |
| Econs PE 12 | MPE (Econ) | 2 | 2 | - | 4 | 4 | HE1005, HE2005 |
| TOTAL | | 8 | 7 | - | 15 | 15 | |

| | |
|----------------------------------|------------|
| GRAND TOTAL (Year 1 to 5) | 180 |
|----------------------------------|------------|

* Exempted AUs for Polytechnic students with relevant diplomas



Option 2: 20-week Professional Internship (PI)

| Course Code and Title | Type (i.e. Core/ MPE/ GER core/ GER PE/UE) | No of Hours Per Week | | | | AU | Pre-requisite / Remarks |
|--------------------------------------------------------------------------------|--------------------------------------------------------|----------------------|----------|--------------------------|-----------|-----------|----------------------------|
| | | Lec / TEL | Tut | Lab/ Example class | Total | | |
| YEAR 1 SEMESTER 1 | | | | | | | |
| MH1810 Mathematics I | Core (CS) | 2 | 1 | - | 3 | 3 | - |
| EG0001 Engineers and Society [#] | GER core | 2 | 1 | - | 3 | 3 | |
| CZ1103 Introduction to Computational Thinking & Programming ^x | Core (CS) | 2 | 0 | 2 | 4 | 3 | - |
| CZ1113 Physics for Computing | Core (CS) | 2 | 0 | 1 | 3 | 2 | - |
| HE1001 Macroeconomic Principles | Core (Econ) | 2 | 1 | - | 3 | 3 | |
| HE1002 Microeconomic Principles | Core (Econ) | 2 | 1 | - | 3 | 3 | - |
| GC0001 Sustainability: Seeing Through The Haze | GER core | - | - | - | - | 1 | online course |
| HY0001 Ethics & Moral Reasoning | GER core | - | - | - | - | 1 | online course |
| HW0188 Effective Communication | GER core | - | 2 | - | 2 | 2 | |
| TOTAL | | 12 | 6 | 3 | 21 | 21 | |

| | | | | | | | |
|--------------------------------------------------------------------|-------------|-----------|----------|----------|-----------|-----------|------------------------------------------|
| YEAR 1 SEMESTER 2 | | | | | | | |
| MH1812 Discrete Mathematics | Core (CS) | 2 | 1 | - | 3 | 3 | - |
| CZ1105 Digital Logic (Engineering Fundamentals 1) | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | - |
| CZ1106 Computer Organisation and Architecture | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1105 (can be taken concurrently) |
| Engineering Fundamentals 2 | Core (CS) | 2 | 1 | - | 3 | 3 | - |
| HE1005 Intro to Probability & Statistical Inference | Core (Econ) | 2 | 1 | - | 4 | 3 | |
| HE2001 Intermediate Microeconomics | Core (Econ) | 2 | 1 | - | 3 | 3 | HE1001 |
| CZ1115 Introduction to Data Science and Artificial Intelligence | GER core | 2 | 0 | 2 | 4 | 3 | CZ1103 |
| ET0001 Enterprise & Innovation | GER core | - | - | - | - | 1 | online course |
| TOTAL | | 14 | 6 | 3 | 24 | 22 | |



| Course Code and Title | Type (i.e. Core/ MPE/ GER core/ GER PE/UE) | No of Hours Per Week | | | | AU | Pre-requisite / Remarks |
|-------------------------------------------------|--------------------------------------------------------|----------------------|----------|--------------------------|-----------|-----------|------------------------------------|
| | | Lec / TEL | Tut | Lab/ Example class | Total | | |
| YEAR 2 SEMESTER 1 | | | | | | | |
| CZ1104 Linear Algebra for Computing | Core (CS) | 2 | 1 | 1 | 4 | 3 | MH1810 |
| CZ1107 Data Structures and Algorithms | Core (CS) | 2 | 1 | 1 | 4 | 3 | CZ1103 |
| CZ2100 Probability and Statistics for Computing | Core (CS) | 2 | 1 | - | 3 | 3 | MH1810 |
| CZ2002 Object Oriented Design & Programming | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1103 |
| CZ2006 Software Engineering | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ2002 (can be taken concurrently) |
| HE2005 Principles of Econometrics | Core (Econ) | 2 | 1 | - | 4 | 3 | HE1005 |
| TOTAL | | 12 | 6 | 3 | 22 | 18 | |

| | | | | | | | |
|--------------------------------------|-------------|-----------|----------|----------|-----------|-----------|-----------------------------------------|
| YEAR 2 SEMESTER 2 | | | | | | | |
| CZ2101 Algorithm Design and Analysis | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1107, MH1812 |
| CZ2005 Operating Systems | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1106, CZ1107 |
| CZ2007 Introduction to Databases | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ2101 (can be taken concurrently) |
| CZ2008 Computing Networks | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1104, CZ2100 |
| HE2002 Intermediate Macroeconomics | Core (Econ) | 2 | 1 | - | 3 | 3 | HE1002 |
| HE3021 Intermediate Econometrics | Core (Econ) | 2 | 1 | - | 3 | 3 | HE2005 or at least an A grade in HE2004 |
| TOTAL | | 12 | 6 | 2 | 20 | 18 | |



| Course Code and Title | Type (i.e. Core/ MPE/ GER core/ GER PE/UE) | No of Hours Per Week | | | | AU | Pre-requisite / Remarks |
|-----------------------------------------|--------------------------------------------------------|----------------------|----------|--------------------------|-----------|-----------|----------------------------|
| | | Lec / TEL | Tut | Lab/ Example class | Total | | |
| YEAR 3 SEMESTER 1 | | | | | | | |
| CZ3004 Multidisciplinary Design Project | Core (CS) | 1 | - | 3 | 4 | 4 | CZ2101, CZ2006 |
| CZ3005 Artificial Intelligence | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1107, CZ1115, CZ2101 |
| CZ4062 Computer Security | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ2005 |
| Econs PE 1 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| Econs PE 2 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| TOTAL | | 9 | 4 | 4 | 17 | 16 | |
| YEAR 3 SEMESTER 2 | | | | | | | |
| CZ4031 Database System Principles | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ2007 |
| CZ3002 Advanced Software Engineering | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ2006 |
| HW0288 Engineering Communication | GER core | - | 2 | - | 2 | 2 | HW0188, Year 3 standing |
| Econs PE 3 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| Econs PE 4 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| Econs PE 5 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| Econs PE 6 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| TOTAL | | 12 | 8 | 1 | 21 | 20 | |

^ Should there be insufficient vacancies, students will take Eng Comm in the following semester.



| Course Code and Title | Type (i.e. Core/ MPE/ GER core/ GER PE/UE) | No of Hours Per Week | | | | AU | Pre-requisite / Remarks |
|------------------------------------------------|--------------------------------------------------------|----------------------|----------|--------------------------|-----------|-----------|----------------------------|
| | | Lec / TEL | Tut | Lab/ Example class | Total | | |
| YEAR 4 SEMESTER 1 | | | | | | | |
| CZ3001 Advanced Computer Architecture | Core (CS) | 2 | 1 | 0.5 | 3.5 | 3 | CZ1106 |
| CZ4xxx Technical Elective 1* | MPE (CS) | 2 | 1 | 0.5 | 3.5 | 3 | |
| CZ4xxx Technical Elective 2* | MPE (CS) | 2 | 1 | 0.5 | 3.5 | 3 | |
| CZ4xxx Technical Elective 3 | MPE (CS) | 2 | 1 | 0.5 | 3.5 | 3 | |
| HE4010 Singapore Economy in a Globalised World | Core (Econ) | 2 | 2 | - | 4 | 4 | HE2001, HE2002 |
| Econs PE 7 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| ML0003 Kickstart your Career Success | GER core | - | - | - | - | 1 | online course |
| TOTAL | | 12 | 7 | 2 | 21 | 20 | |

| YEAR 4 SEMESTER 2 | | | | | | | |
|--------------------------------|-----------|----------|----------|----------|----------|-----------|-------------------------|
| CZ3179 Professional Internship | Core (CS) | - | - | - | - | 10 | ML0003, Year 3 standing |
| TOTAL | | - | - | - | - | 10 | |



| Course Code and Title | Type (i.e. Core/ MPE/ GER core/ GER PE/UE) | No of Hours Per Week | | | | AU | Pre-requisite / Remarks |
|----------------------------------|--------------------------------------------------------|----------------------|----------|--------------------------|-------------|------------|----------------------------|
| | | Lec / TEL | Tut | Lab/ Example class | Total | | |
| YEAR 5 SEMESTER 1 | | | | | | | |
| CZ4179 Final Year Project | Core (CS) | - | - | - | - | - | Final year standing |
| CZ4xxx Technical Elective 4 | MPE (CS) | 2 | 1 | 0.5 | 3.5 | 3 | |
| Econs PE 8 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| Econs PE 9 | MPE (Econ) | 2 | 1 | - | 3 | 3 | HE1005, HE2005 |
| Econs PE 10 | MPE (Econ) | 2 | 2 | - | 4 | 4 | HE1005, HE2005 |
| TOTAL | | 8 | 5 | 0.5 | 13.5 | 13 | |
| YEAR 5 SEMESTER 2 | | | | | | | |
| CZ4179 Final Year Project | Core (CS) | - | - | - | - | 8 | |
| CZ4xxx Technical Elective 5 | MPE (CS) | 2 | 1 | 0.5 | 3.5 | 3 | |
| CZ4xxx Technical Elective 6 | MPE (CS) | 2 | 1 | 0.5 | 3.5 | 3 | |
| Econs PE 11 | MPE (Econ) | 2 | 2 | - | 4 | 4 | HE1005, HE2005 |
| Econs PE 12 | MPE (Econ) | 2 | 2 | - | 4 | 4 | HE1005, HE2005 |
| TOTAL | | 8 | 6 | 1 | 15 | 22 | |
| GRAND TOTAL (Year 1 to 5) | | | | | | 180 | |

* Exempted AUs for Polytechnic students with relevant diplomas