



Singapore Standard Educational Classification 2020

SINGAPORE STANDARD EDUCATIONAL CLASSIFICATION 2020
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Preface

The Singapore Department of Statistics (DOS) develops national statistical standards and promotes their adoption and use in Singapore. The adoption and use of these standards in the collection, analysis and dissemination of statistics ensure consistency and comparability of data, facilitating relevant and meaningful analysis as well as data sharing.

The Singapore Standard Educational Classification (SSEC) is the national standard for classifying educational programmes and qualifications. The SSEC is used for censuses of population, household surveys and administrative databases. The SSEC makes reference to and is consistent with the basic framework and principles of the International Standard Classification of Education (ISCED) 2011 and the ISCED Fields of Education and Training (ISCED-F) 2013 developed by the United Nations Educational, Scientific and Cultural Organisation (UNESCO) Institute for Statistics (UIS). It is reviewed periodically to reflect developments in the education system as well as initiatives in workforce education and upgrading.

The SSEC 2020 is the fourth edition of the SSEC and supersedes the previous editions. It consists of three components – classification of level of education attending, classification of educational qualification attained and classification of field of study.

The review of the SSEC was undertaken by a working group comprising representatives from the Singapore Department of Statistics, Ministry of Education, Ministry of Manpower, Institute of Technical Education and SkillsFuture Singapore. Inputs from other stakeholders have also been incorporated, where appropriate. I would like to thank all who have contributed to the review of the classification.

Wong Wee Kim
Chief Statistician
Singapore

March 2020

Our Vision

National Statistical Service of Quality, Integrity and Expertise

Our Mission

We Deliver Insightful Statistics and Trusted Statistical Services that Empower
Decision Making

Our Guiding Principles

- | | |
|--|---|
| Professionalism & Expertise | We adhere to professional ethics and develop statistical competency to produce quality statistics that comply with international concepts and best practices. |
| Relevance & Reliability | We produce statistics that users need and trust. |
| Accessibility | We make our statistics readily available through user-friendly platforms. |
| Confidentiality | We protect the confidentiality of information collected by us. |
| Timeliness | We disseminate statistics at the earliest possible date while maintaining data quality. |
| Innovation | We constantly seek ways to improve our processes, leveraging on new technology where feasible, to deliver better products and services to users. |
| Collaboration | We engage users on data needs, data providers and respondents on supply of data, and undertake the role of national statistical coordination. |
| Effectiveness | We optimise resource utilisation, leveraging on administrative and alternative data sources to ease respondent burden. |

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| (These can be found on the Statistics Singapore Website in MS Excel format and may be updated periodically to facilitate users' coding purposes.) | |

List of Abbreviations

| | |
|---------|--|
| ACCA | : Association of Chartered Certified Accountants |
| BCA | : Building and Construction Authority |
| BEST | : Basic Education for Skills Training |
| CET | : Continuing Education and Training |
| CFA | : Chartered Financial Analyst |
| DPP | : Direct-Entry-Scheme to Polytechnic Programme |
| ECDC | : Early Childhood Development Centres |
| eNFP | : Enhanced Nitec Foundation Programme |
| EQA | : Educational Qualification Attained |
| ES | : Employability Skills |
| ESS | : Employability Skills System |
| FOS | : Field of Study |
| GCE | : General Certificate of Examination |
| GPA | : Grade Point Average |
| H2 | : Higher 2 |
| IB | : International Baccalaureate |
| IDM | : Interactive Digital Media |
| IP | : Integrated Programme |
| ITE | : Institute of Technical Education |
| ISC | : ITE Skills Certificate |
| ISCED | : International Standard Classification of Education |
| ISCED-F | : ISCED Fields of Education and Training |
| LASALLE | : LASALLE College of the Arts |
| LEA | : Level of Education Attending |
| NAFA | : Nanyang Academy of Fine Arts |
| N.E.C. | : Not elsewhere classified |
| NEL | : Nurturing Early Learners |
| NFP | : NAFA Foundation Programme |
| NIE | : National Institute of Education |
| Nitec | : National ITE Certificate |
| NTC | : National Technical Certificate |
| NUS | : National University of Singapore |
| PEI | : Private Education Institute |
| PFP | : Polytechnic Foundation Programme |
| PSLE | : Primary School Leaving Examination |
| PSPE | : Primary School Proficiency Examination |
| SIM | : Singapore Institute of Management |
| SSEC | : Singapore Standard Educational Classification |
| WISE | : Worker Improvement through Secondary Education |
| WSQ | : Workforce Skills Qualifications |
| WPLN | : Workplace Literacy and Numeracy |

Part I: Introduction and Methodological Notes

1. Introduction

1.1. The Singapore Standard Educational Classification (SSEC) is designed for use in the collection of data (e.g. via censuses, surveys, administrative records) that requires the classification of educational programmes and qualifications. It is also used in the compilation, presentation and analysis of a wide range of statistics, including demographic, social and education statistics. The SSEC is updated regularly to ensure the continuing relevance to local context and alignment to international standards.

1.2. The SSEC 2020 adopts the basic framework and principles of the International Standard Classification of Education (ISCED) 2011 and ISCED Fields of Education and Training (ISCED-F) 2013. It is the fourth edition since the SSEC 2000. The SSEC 2020 has been revised to take into account changes in Singapore’s education landscape to maintain relevance to the local context¹, as well as changes in international standards to enhance international comparability. Apart from changes in the education system and vocational certification system, developments in the continuing education and training (CET) programmes and qualification/certification systems to upgrade the workforce under the Skills Framework have also been taken into consideration when revising the SSEC.

¹ The SSEC 2020 does not take into account the remaking of secondary school pathways in Singapore – one secondary education with many subject bands – that was announced in early March 2019 as this will only commence in 2024. Under the new system, Secondary 1 students will be offered subjects at three levels: G1/G2/G3 (G stands for General), mapped from today’s Secondary Normal (Technical), Normal (Academic) and Express standards respectively.

2. Overview of Scope and Structure of Classification

2.1. The SSEC 2020 comprises three components:

- Classification of Level of Education Attending
- Classification of Educational Qualification Attained
- Classification of Field of Study

2.2. The hierarchical structure of the SSEC is defined by aggregating categories representing various educational programmes in Singapore's present education system and the educational qualifications currently awarded in Singapore. For educational programmes offered in Singapore based on foreign education systems, and qualifications which were awarded in Singapore in the past or those awarded overseas, the proxy equivalence to the current system and qualifications in Singapore can be used to determine the appropriate classification. [Appendix 1](#) provides a chart of the broad qualifications/certifications from key programmes in Singapore's education system as well as CET system.

2.3. Detailed descriptions of the scope and structure of the three components are given in the subsequent sections. A few key changes within each component in the SSEC 2020 compared to SSEC 2015 are also presented. The two-way correspondence tables between SSEC 2020 and SSEC 2015 are available on the [Statistics Singapore Website](#).

2.4. The design of SSEC 2020 has remained largely similar to SSEC 2015. One consideration in retaining the design of the SSEC is the extent of details that could be obtained from survey respondents. For example, there is no distinction between professional qualifications awarded by accredited institutions and those that are not accredited as respondents are generally not able to provide sufficient information for such distinction either for themselves or on behalf of their household members.

3. Classification of Level of Education Attending

3.1. The level of education attending (LEA) refers to the grade or standard of education that a student is attending.

3.2. The classification for LEA is a two-digit hierarchical structure. At the one-digit broad level, there are ten categories in the SSEC 2020 LEA. The structure remains the same as in SSEC 2015, with minor changes made to the code titles of selected categories as follows:

| SSEC 2020 LEA | SSEC 2015 LEA |
|---|---|
| 0 Pre-Primary | 0 Pre-Primary |
| 1 Primary | 1 Primary |
| 2 Secondary | 2 Secondary |
| 3 Post-Secondary (Non-Tertiary): General and Vocational | 3 Post-Secondary (Non-Tertiary): General and Vocational |
| 4 Polytechnic Diploma  | 4 Polytechnic Diploma Course |
| 5 Professional Qualification and Other Diploma  | 5 Other Courses Leading to Award of Professional Qualification and Other Diploma |
| 6 Bachelor's or Equivalent | 6 Bachelor's or Equivalent |
| 7 Postgraduate Diploma/Certificate (Excluding Master's and Doctorate) | 7 Postgraduate Diploma/Certificate (Excluding Master's and Doctorate) |
| 8 Master's and Doctorate or Equivalent | 8 Master's and Doctorate or Equivalent |
| X Not Reported | X Not Reported |

3.3. The typical ages and years of schooling for selected levels of education are shown below:

| Level | Typical Age (years) | Years of Schooling |
|-------------------------------|---------------------|--------------------|
| Pre-Primary | 3 to 5 | 1 to 3 |
| Primary | 6 to 11 | 6 |
| Secondary | 12 to 15 | 4 to 5 |
| Post-Secondary (Non-Tertiary) | 16 to 18 | 2 to 3 |
| Diploma | 16 to 18 | 2 to 3 |
| University (First Degree) | 18 to 25 | 3 to 5 |

3.4. For SSEC 2020 LEA, pre-primary programme is defined to comprise nursery, kindergarten 1 and kindergarten 2 classes for children typically aged three to five years old. The coverage is an extension compared to that defined in SSEC 2015 LEA (i.e. kindergarten classes with typical ages of four to five years). The extended coverage for pre-primary in SSEC 2020 LEA is aligned with ISCED's entrance age for this level, and the Ministry of Education's Nurturing Early Learners (NEL) Framework (Revised 2012) and the Early Childhood Development Agency's Early Childhood Development Centres

(ECDC) Act and Regulations. The NEL Framework provides guidelines for designing and implementing quality pre-school curricula for children aged four to six years old, while the ECDC Act and Regulations ensures consistent standards across pre-schools. Specifically under the ECDC Regulations, classes conducted for children below the typical entrance age of six years are:

| Classes Conducted at a Centre | Typical Entrance Age |
|---|---|
| Infant class | 2 months of age or older but below 18 months of age |
| Playgroup class | 18 months of age or older but below 3 years of age |
| Pre-nursery class (also commonly known as Nursery 1) | 2 years of age |
| Nursery class (also commonly known as Nursery 2) | 3 years of age |
| Kindergarten 1 class | 4 years of age |
| Kindergarten 2 class | 5 years of age |

3.5. At the finer two-digit level, there are 36 categories in the SSEC 2020 LEA, up from 35 in SSEC 2015. When classifying programmes into the two-digit categories, one of the main considerations is the educational content of the programme at a particular educational level. In practice, supplementary criteria for classifying the level of education attending also include typical age of students attending the educational programme, duration of education, minimum entrance requirements and next typical educational level.

3.6. An example to illustrate the application of the criteria is the six-year Integrated Programme (IP). While the IP does not include a national examination at the end of secondary level, a student progressing from Year 4 to Year 5 would typically prepare for pre-university examinations such as the Singapore-Cambridge General Certificate of Examination (GCE) 'Advanced' ('A') Level examinations to be attempted at the end of Year 6. The typical ages of students in Years 5 and 6 of the IP are 16 to 18 years old. In addition, the progression and duration within an IP are similar to the conventional educational pathway with separate secondary and pre-university programmes. Therefore, Years 5 and 6 of the IP are classified as post-secondary (non-tertiary) level, specifically '31 Pre-University 1 / Junior College 1 (general) (including Year 5 of Integrated Programme)' and '32 Pre-University 2 / Junior College 2 (general) (including Year 6 of Integrated Programme)' respectively.

3.7. Another example is the determination of LEA classification for key foundation programmes. For Secondary 4 Normal (Academic) (N(A)) students who had performed very well in the GCE N(A) Level examinations, alternative progression pathways in lieu of the Secondary 5 N(A) were introduced in 2013, namely Polytechnic Foundation Programme (PFP) and Direct-Entry-Scheme to Polytechnic Programme (DPP) via Institute of Technical Education (ITE). In 2018, the Nanyang Academy of Fine Arts (NAFA) launched its NAFA Foundation Programme (NFP) which is similar to the PFP.

3.8. The PFP and NFP are diploma-specific foundation programmes conducted over a year (or two academic semesters) to prepare students for progression into Year 1 of polytechnic and NAFA respectively. The LEA classification of these two programmes is '27 Other secondary education or equivalent', given that their curriculums are of general and not vocational orientation, and the bulk of the programme credits/hours go into academic modules that roughly mirrored what are taught in Secondary 5 N(A), albeit in a more applied, polytechnic-style pedagogy.

3.9. The DPP prepares students for progression into selected polytechnic diploma courses without going through the GCE 'Ordinary' ('O') Level examinations, via a two-year Higher National ITE Certificate (Nitec) programme at the ITE. Under the DPP, students who successfully complete their Higher Nitec course and attain the minimum qualifying Grade Point Average (GPA) are assured of a place in a polytechnic diploma course mapped to their Higher Nitec course. The LEA classification of this programme is '35 Higher Nitec', given that it is actually a Higher Nitec programme.

3.10. To help Secondary 4 Normal (Technical) (N(T)) students with zero or one subject pass at the GCE 'Normal' ('N') Level acquire a skill qualification, ITE launched a new initiative, namely the three-year Nitec programme in 2014 in addition to the usual two-year Nitec programme. Specifically, the students will undergo two years of the Enhanced Nitec Foundation Programme (eNFP) before progressing to the Career Core curriculum in the third year. Similar to the two-year Nitec programme, the LEA classification of eNFP is '34 Nitec'.

3.11. To cater to different treatments in domestic and international classifications of various programmes at the Bachelor's or equivalent level, separate categories have been created for a first degree programme which is typically three or four years in duration, and a long first degree programme which typically requires a longer duration beyond four years. A second or further Bachelor's degree in another discipline (e.g. double degree programme) is considered as a first degree. The law programmes, namely Juris Doctor (JD) and Graduate Bachelor of Laws (GLB), which require at least a Bachelor's degree in another discipline, are in essence a second Bachelor's and hence are considered as first degree programmes. The courses currently under the long first degrees include Bachelor of Medicine and Bachelor of Surgery (MBBS), and Doctor of Medicine (MD).

3.12. In the SSEC 2020 LEA, some of the code titles have been amended to provide clarity. For example, besides amending the title for pre-primary's two-digit code to include nursery, kindergarten 1 and kindergarten 2 classes to reflect its scope more clearly, the two-digit code is amended from code '01' in SSEC 2015 LEA to code '00' in SSEC 2020 LEA since there is only one two-digit code under the one-digit broad level.

3.13. Since polytechnic advanced diploma course is an example of a post-diploma programme, the titles for SSEC LEA codes '42' and '59' are amended accordingly. The list of examples in code '42' is also refreshed to reflect the current common programmes, including diploma (conversion) courses.

3.14. With the growing number of Private Education Institutes (PEIs) in Singapore, the code titles in SSEC 2020 LEA have been updated to include the qualifications issued by them. The title for code '52' is amended to 'Other locally or externally developed diploma (including NIE diploma, SIM diploma, LASALLE diploma, NAFA diploma)' to better reflect the intended coverage of diplomas offered by the public education institutes (e.g. National Institute of Education (NIE)) and PEIs (e.g. Singapore Institute of Management (SIM), LASALLE College of the Arts (LASALLE) and NAFA). Locally developed diploma programmes by PEIs refer to courses that are self-developed and delivered by the PEIs and the students receive a diploma qualification upon successful completion of the course. Externally developed diplomas are qualifications from programmes that are developed by the awarding body (e.g. Pearson) and delivered by the PEIs locally. Upon successful completion of the course, graduates would receive a qualification conferred by the awarding body.

3.15. A table comparing the LEA classification between SSEC 2020 and SSEC 2015 is given in [Appendix 2](#).

4. Classification of Educational Qualification Attained

4.1. The level of educational qualification attained (EQA) refers to the grade or standard of education passed or the highest level of education where a certificate, diploma or degree is awarded by an educational or training institution.

4.2. For SSEC 2020 EQA, there is no change in age coverage (i.e. all ages are covered). Those who are in infant, playgroup and pre-nursery classes are categorised as never attended school, notwithstanding that these classes may have some form of early childhood educational development activities.

4.3. The classification for level of EQA is a two-digit hierarchical structure. The levels of educational qualifications are categorised into twelve broad groups, each denoted by a digit from '0' to '9', or an alphabet 'N' or 'X' at the one-digit level in the SSEC 2020 EQA. Compared to SSEC 2015, there is no change both in the number of codes and titles at the one-digit level.

4.4. Each broad EQA group contains more distinctions at the two-digit level based on the orientation of programme or the specific type of qualification typically awarded in Singapore's context. As the structure of the LEA and EQA classifications are closely linked, the increase in the number of two-digit LEA codes in SSEC 2020 is also reflected in the two-digit EQA codes which rose to 47 categories from 46 in SSEC 2015.

4.5. The general guideline for attainment of a particular broad level of education is as follows:

| SSEC 2020 EQA | Benchmark |
|---|--|
| 0 No Formal Qualification / Pre-Primary / Lower Primary | Did not qualify for any of the Secondary N(T), N(A) or Express courses based on PSLE results or equivalent |
| 1 Primary | Qualified for any of the Secondary N(T), N(A) or Express courses based on PSLE results or equivalent |
| 2 Lower Secondary | Did not obtain at least one subject pass at GCE 'N' or 'O' Level or equivalent |
| 3 Secondary | Obtained at least one subject pass at GCE 'N' or 'O' Level or equivalent |
| 4 Post-Secondary (Non-Tertiary): General and Vocational | Obtained at least one subject pass at GCE 'A' Level or equivalent, or awarded at least an ITE Nitec or WSQ certification or equivalent |
| 5 Polytechnic Diploma | Awarded a diploma or post-diploma by a polytechnic |
| 6 Professional Qualification and Other Diploma | Obtained a diploma or other qualification by a professional body or vocational institution |
| 7 Bachelor's or Equivalent | Awarded a Bachelor's degree or equivalent by a university or educational institution |
| 8 Postgraduate Diploma/Certificate (Excluding Master's and Doctorate) | Awarded a postgraduate diploma or certificate by a university or postgraduate educational or training institution |
| 9 Master's and Doctorate or Equivalent | Awarded a Master's or Doctoral degree or equivalent by a university or postgraduate educational institution |
| N Modular Certification (Non-Award Courses / Non-Full Qualifications) | Obtained a certificate or other qualification by a professional body or vocational institution |
| X Not Reported | - |

4.6. In defining the broad groups of EQA, the certification used in Singapore's mainstream education system is used as a benchmark. This is an important consideration in identifying equivalent qualifications awarded by CET institutions. For instance, the full qualifications awarded under the Singapore Workforce Skills Qualifications (WSQ) system are classified and benchmarked to the equivalent educational qualifications in the mainstream education system. Qualifications awarded by professional bodies must be the result of fulfilling the requirements of structured educational programmes and meeting the appropriate standards. The levels of educational qualifications exclude certificates of course attendance and honorary qualifications which are not the result of structured learning and examination by an educational/training institution or professional body.

4.7. The attainment of an educational qualification usually occurs when a certain grade or standard of education is passed at the end of an educational programme. Therefore, the same considerations of educational content are applicable, as in the case for LEA, when classifying the EQA. Supplementary criteria for classifying educational qualification include duration of education, minimum entrance requirements and next typical level of educational qualification.

4.8. For instance, using the example of the six-year IP, the SSEC 2020 EQA of a student in the programme who has passed the relevant examination at the end of Year 4 and has been promoted to Year 5 is classified as '39 Other secondary education/certificates or equivalent' if there is a need to classify at this juncture, given that the progression and duration within an IP is similar to the conventional educational pathway with separate secondary and pre-university programmes.

4.9. As for the case when a student (after performing very well in the GCE N(A) Level examinations) had enrolled in and passed the foundation programme of PFP or NFP but has yet to complete the diploma programme, his/her SSEC 2020 EQA at this juncture is coded as '31 At least 1 subject pass at GCE 'N' Level'. Similarly, the same EQA code applies for a student who has enrolled in the DPP but not the Higher Nitec course.

4.10. As for a student who has enrolled in the ITE foundation programme of eNFP but has yet to complete the final Year 3 of Nitec course, his/her EQA at this juncture is classified based on whether he/she has zero or one subject pass at the GCE 'N' Level accordingly.

4.11. To be conferred a full qualification of a polytechnic post-diploma under SSEC 2020 EQA code '52', the participant needs to complete the relevant modular post-diploma certificate programmes and be awarded with the certificates which are acknowledgements that the participant has achieved a set of expertise that will enable him/her to perform in a certain job function. To avoid the confusion in classifying polytechnic post-diploma certificate versus the full qualification of polytechnic

post-diploma, the former has been added as an example in the relevant code title i.e. 'N2 At least 1 WSQ Statement of Attainment or other modular certificate at diploma level or equivalent (including polytechnic post-diploma certificate)'.

4.12. Corresponding to the changes made in the SSEC 2020 LEA classification, separate categories have been created for a Bachelor's first degree (code '71') and a long first degree (code '72') in the EQA classification. Similarly, some of the code titles for other qualification attained are amended for clarity and consistency. These include the titles for pre-primary code '02' (where 'Nursery, Kindergarten 1 and Kindergarten 2' is added), polytechnic post-diploma code '52' (where it is renamed from advanced diploma and the list of examples is refreshed), other locally or externally developed diploma code '62' and other post-diploma qualifications code '69'.

4.13. The WSQ Workplace Literacy and Numeracy (WPLN) programme was introduced in 2004. Each WPLN skill (Reading, Listening, Speaking, Writing and Numeracy) is assessed separately and the results span across a scale of eight proficiency levels, which are in turn pegged to primary, lower secondary and secondary qualifications in the SSEC 2020 EQA (namely codes '13', '24' and '35'). With the adoption of a new assessment system for the WPLN programme with effect from January 2020, the titles of these EQA codes have been amended to also include achievements attained with the SkillsFuture Singapore's appointed WPLN assessment partner at the respective WPLN proficiency levels as compared to the SSEC 2015 EQA.

4.14. A table comparing the EQA classification between SSEC 2020 and 2015 is given in [Appendix 3](#).

5. Classification of Field of Study

5.1. The field of study (FOS) refers to the principal discipline, branch or subject matter of study that leads to the award of a qualification attained at polytechnic or university levels. Vocational qualifications offered by education/training institutes or professional bodies at post-secondary levels may also be classified by FOS, where applicable.

5.2. The classification for FOS is a four-digit hierarchical structure comprising three levels, namely broad field (two-digit), narrow field (three-digit) and detailed field (four-digit). The broad field constitutes the highest level of aggregation in the FOS classification, with 15 categories in total, each denoted by digits from '01' to '99' or alphabets 'XX' in the SSEC 2020 FOS. Moving down the hierarchy, there are 60 three-digit narrow fields and 252 four-digit detailed fields. In comparison with SSEC 2015 FOS, the number of broad and narrow fields declined from 16 and 62 categories respectively, and increased from 249 categories for detailed fields.

5.3. The broad FOS are as follows:

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|---|---------------|---|
| - |  | 00 | Generic Programmes and Qualifications |
| 01 | Education | 01 | Education |
| 02 | Fine and Applied Arts | 02 | Fine and Applied Arts |
| 03 | Humanities and Social Sciences | 03 | Humanities and Social Sciences |
| 04 | Mass Communication and Information Science | 04 | Mass Communication and Information Science |
| 05 | Business and Administration | 05 | Business and Administration |
| 06 | Law | 06 | Law |
| 07 | Natural and Mathematical Sciences | 07 | Natural, Physical, Chemical and Mathematical Sciences |
| 08 | Health Sciences | 08 | Health Sciences |
| 09 | Information Technology | 09 | Information Technology |
| 10 | Architecture, Building and Real Estate | 10 | Architecture, Building and Real Estate |
| 11 | Engineering Sciences | 11 | Engineering Sciences |
| 12 | Engineering, Manufacturing and Related Trades | 12 | Engineering, Manufacturing and Related Trades |
| 13 | Services | 13 | Services |
| 99 | Other Fields | 99 | Other Fields |
| XX | Not Reported | XX | Not Reported |

5.4. The following illustrates the hierarchical structure of the FOS classification from the broad field to the detailed field, using 'Human Resource Management' as an example:

| Classification | Title | Code |
|----------------|-------------------------------|------|
| Broad Field | Business and Administration | 05 |
| Narrow Field | Administration and Management | 051 |
| Detailed Field | Human Resource Management | 0512 |

5.5. At the three-digit level, if a given narrow field is not divided into more categories at the next detailed level of classification, then the last digit of the four-digit code for the only FOS at the next detailed level would be '0'. For instance, the detailed field 'Adult and Continuing Education and Training' is coded as '0130' in the SSEC 2020 FOS as the narrow field '013 Trainer Training' contains only one detailed field. Similarly, the code for the detailed FOS 'Building Trades' is '1040' as it is the only field within the narrow FOS '104 Building Trades'.

5.6. At the three- and four-digit levels, the digit '9' that appears in the last digit position denotes residual FOS grouped at the respective level of classification. These residual categories usually comprise a range of the less common types of FOS which are not significant enough to justify a separate code. They are classified in a separate category so that no FOS, however small or insignificant, is left out of the classification scheme. Their titles usually end with the term 'n.e.c.', which stands for 'not elsewhere classified'. For example, 'Humanities and Social Sciences Not Elsewhere Classified' in the SSEC 2020 FOS is coded as '039' and '0399' at the narrow and detailed FOS respectively. There are, however, a few exceptions as listed below where the digit '0' is used instead for the residual groups as they are the only group in the respective level of classification:

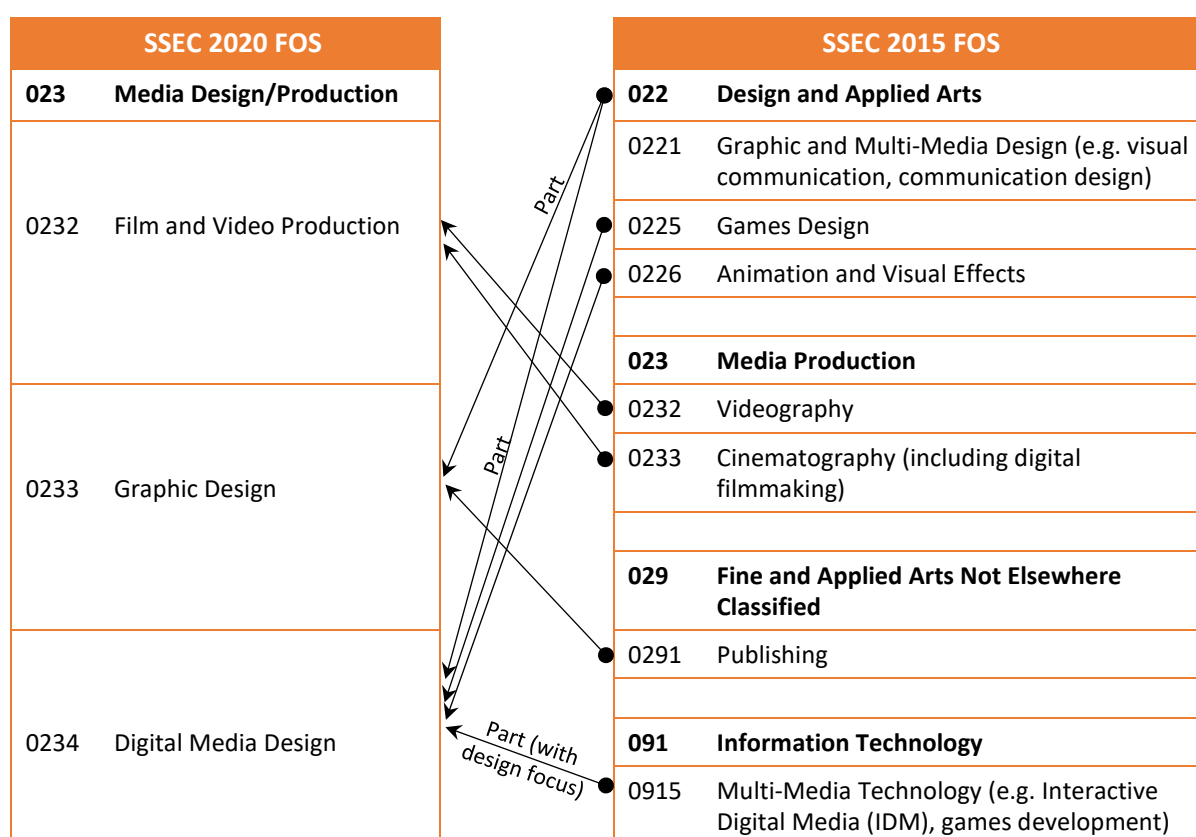
| Narrow/Detailed Field | Title |
|-----------------------|--|
| 0290 | Fine and Applied Arts n.e.c. |
| 0790 | Natural and Mathematical Sciences n.e.c. |
| 990 | Other Fields Not Elsewhere Classified |
| 9900 | Other Fields n.e.c. |

5.7. In classifying an educational programme by FOS, the main consideration is the theoretical content of the programme. In the case of inter- or multi-disciplinary programme (i.e. programme which combines a few narrow or even broad FOS), the various fields are to be recorded and coded if feasible. Otherwise, the 'majority rule' is to be applied. Based on the majority rule, an inter- or multi-disciplinary programme is to be classified to the FOS with the highest share of programme hours (i.e. the leading/main FOS). In practice, the number of modular credits may be used in place of programme hours. In line with the guidelines provided by ISCED-F 2013, inter-disciplinary programmes with more than one leading field or where there is insufficient information to determine the leading subject, the 'first-listed' rule is to be applied based on the field listed first in the title (or in the curriculum or syllabus if not listed in the title) of the programme or qualification.

5.8. The broad field of 'Generic Programmes and Qualifications' (comprising detailed fields of 'Basic Programmes and Qualifications', 'Literacy and Numeracy' and 'Personal Skills and Development') was introduced in the SSEC 2015 FOS to cover a

broad range of subjects with little or no specialisation in a particular field or fields, and to be aligned with ISCED-F 2013. However, as this broad generic SSEC FOS code has not been commonly used, the broad field of generic programmes and qualifications has been removed from the SSEC 2020 FOS.

5.9. There are also a number of streamlining, removal and creation of narrow and detailed codes in the SSEC 2020 FOS compared with SSEC 2015. For example, under the broad field '02 Fine and Applied Arts', some of the detailed fields are reorganised to better reflect the different types of arts/design related courses as well as the increasing use of technology. Consequently at the four-digit level, graphic design (including publishing design/layout) and related courses are coded as '0233 Graphic Design', which is a merger of two detailed fields in SSEC 2015 FOS as shown in the diagram below. Similarly, the SSEC 2020 FOS '0234 Digital Media Design' is an amalgamation of a few previous detailed FOS, including programmes such as interactive digital media (IDM) that are primarily design focused. For the detailed field '0232 Film and Video Production' in SSEC 2020 FOS, it encompasses both 'Videography' and 'Cinematography' due to their close field similarities, in line with ISCED-F 2013.



5.10. A table comparing the FOS classification between SSEC 2020 and 2015 is given in [Appendix 4](#). An alphabetical index of detailed FOS and their corresponding SSEC 2020 FOS codes is available on the [Statistics Singapore Website](#).

Part II: Classification

Structure of SSEC 2020

Classification of Level of Education Attending

| SSEC 2020 | Title |
|-----------|--|
| 0 | PRE-PRIMARY |
| 00 | Pre-Primary (i.e. Nursery, Kindergarten 1, Kindergarten 2) |
| 1 | PRIMARY |
| 11 | Primary 1 |
| 12 | Primary 2 |
| 13 | Primary 3 |
| 14 | Primary 4 |
| 15 | Primary 5 |
| 16 | Primary 6 |
| 19 | Other primary education or equivalent |
| 2 | SECONDARY |
| 21 | Secondary 1 |
| 22 | Secondary 2 |
| 23 | Secondary 3 |
| 24 | Secondary 4 |
| 25 | Secondary 5 |
| 26 | ITE Skills Certificate (ISC) |
| 27 | Other secondary education or equivalent |
| 28 | Other skills certificate courses or equivalent (except ISC) |
| 3 | POST-SECONDARY (NON-TERTIARY): GENERAL AND VOCATIONAL |
| 31 | Pre-University 1 / Junior College 1 (general) (including Year 5 of Integrated Programme) |
| 32 | Pre-University 2 / Junior College 2 (general) (including Year 6 of Integrated Programme) |
| 33 | Pre-University 3 (general) |
| 34 | National ITE Certificate (Nitec) |
| 35 | Higher Nitec |
| 36 | Master Nitec |
| 37 | Other post-secondary (non-tertiary; general) education or equivalent |
| 38 | Other post-secondary (non-tertiary; vocational) education or equivalent (including advanced certificate courses) |

| SSEC 2020 | Title |
|-----------|---|
| 4 | POLYTECHNIC DIPLOMA |
| 41 | Polytechnic diploma |
| 42 | Polytechnic post-diploma (including polytechnic advanced/specialist diploma, diploma (conversion)) |
| 5 | PROFESSIONAL QUALIFICATION AND OTHER DIPLOMA |
| 51 | ITE diploma |
| 52 | Other locally or externally developed diploma (including NIE diploma, SIM diploma, LASALLE diploma, NAFA diploma) |
| 53 | Qualification awarded by professional bodies (including ACCA, CFA) |
| 59 | Other post-diploma qualifications or equivalent |
| 6 | BACHELOR'S OR EQUIVALENT |
| 61 | First degree or equivalent |
| 62 | Long first degree or equivalent |
| 7 | POSTGRADUATE DIPLOMA/CERTIFICATE (EXCLUDING MASTER'S AND DOCTORATE) |
| 70 | Postgraduate diploma/certificate (including NIE postgraduate diploma) |
| 8 | MASTER'S AND DOCTORATE OR EQUIVALENT |
| 81 | Master's degree or equivalent |
| 82 | Doctoral degree or equivalent |
| X | NOT REPORTED |
| XX | Not reported |

Classification of Educational Qualification Attained

| SSEC 2020 | Title |
|-----------|---|
| 0 | NO FORMAL QUALIFICATION / PRE-PRIMARY / LOWER PRIMARY |
| 01 | Never attended school |
| 02 | Pre-Primary (i.e. Nursery, Kindergarten 1, Kindergarten 2) |
| 03 | Primary education without Primary School Leaving Examination (PSLE) / |
| | Primary School Proficiency Examination (PSPE) certificate or equivalent |
| 04 | Certificate in BEST 1-3 |
| 1 | PRIMARY |
| 11 | Primary School Leaving Examination (PSLE) / Primary School Proficiency |
| | Examination (PSPE) certificate or equivalent |
| 12 | Certificate in BEST 4 |
| 13 | At least 3 achievements* for different Workplace Literacy or Numeracy (WPLN) |
| | skills at Level 1 or 2 |
| 2 | LOWER SECONDARY |
| 21 | Secondary education without any subject pass at GCE 'O'/'N' Level or equivalent |
| 22 | Certificate in WISE 1-3 |
| 23 | Basic vocational certificate (including ITE Basic Vocational Training) |
| 24 | At least 3 achievements* for different Workplace Literacy or Numeracy (WPLN) |
| | skills at Level 3 or 4 |
| 3 | SECONDARY |
| 31 | At least 1 subject pass at GCE 'N' Level |
| 32 | At least 1 subject pass at GCE 'O' Level |
| 33 | National ITE Certificate (Intermediate) or equivalent (including National Technical |
| | Certificate (NTC) Grade 3, Certificate of Vocational Training, BCA Builder |
| | Certificate) |
| 34 | ITE Skills Certificate (ISC) or equivalent (including Certificate of Competency, |
| | Certificate in Service Skills) |
| 35 | At least 3 achievements* for different Workplace Literacy or Numeracy (WPLN) |
| | skills at Level 5 and above |
| 39 | Other secondary education/certificates or equivalent |

* These refers to both WSQ Statement of Attainment and/or certification issued by SkillsFuture Singapore's appointed WPLN assessment partner.

| SSEC 2020 | Title |
|-----------|--|
| 4 | POST-SECONDARY (NON-TERTIARY): GENERAL AND VOCATIONAL |
| 41 | At least 1 subject pass at GCE 'A'/'H2' Level or equivalent (general) |
| 42 | National ITE Certificate (Nitec) or equivalent (including Post Nitec Certificate, Specialist Nitec, Certificate in Office Skills, National Technical Certificate (NTC) Grade 2, National Certificate in Nursing, BCA Advanced Builder Certificate) |
| 43 | Higher Nitec or equivalent (including Certificate in Business Skills, Industrial Technician Certificate) |
| 44 | Master Nitec or equivalent (including NTC Grade 1) |
| 45 | WSQ Certificate or equivalent |
| 46 | WSQ Higher Certificate or equivalent |
| 47 | WSQ Advanced Certificate or equivalent |
| 48 | Other post-secondary (non-tertiary; general) qualifications or equivalent (including International Baccalaureate / NUS High School Diploma) |
| 49 | Other post-secondary (non-tertiary; vocational) certificates/qualifications or equivalent (including SIM certificate) |
| 5 | POLYTECHNIC DIPLOMA |
| 51 | Polytechnic diploma |
| 52 | Polytechnic post-diploma (including polytechnic advanced/specialist/management/graduate diploma, diploma (conversion)) |
| 6 | PROFESSIONAL QUALIFICATION AND OTHER DIPLOMA |
| 61 | ITE diploma |
| 62 | Other locally or externally developed diploma (including NIE diploma, SIM diploma, LASALLE diploma, NAFA diploma) |
| 63 | Qualification awarded by professional bodies (including ACCA, CFA) |
| 64 | WSQ diploma |
| 65 | WSQ specialist diploma |
| 69 | Other post-diploma qualifications or equivalent |
| 7 | BACHELOR'S OR EQUIVALENT |
| 71 | First degree or equivalent |
| 72 | Long first degree or equivalent |

| SSEC 2020 | Title |
|-----------|---|
| 8 | POSTGRADUATE DIPLOMA/CERTIFICATE (EXCLUDING MASTER'S AND DOCTORATE) |
| 81 | Postgraduate diploma/certificate (including NIE postgraduate diploma) |
| 82 | WSQ graduate certificate |
| 83 | WSQ graduate diploma |
| 9 | MASTER'S AND DOCTORATE OR EQUIVALENT |
| 91 | Master's degree or equivalent |
| 92 | Doctoral degree or equivalent |
| N | MODULAR CERTIFICATION (NON-AWARD COURSES / NON-FULL QUALIFICATIONS) |
| N1 | At least 1 WSQ Statement of Attainment or ITE modular certificate at post-secondary level (non-tertiary) or equivalent |
| N2 | At least 1 WSQ Statement of Attainment or other modular certificate at diploma level or equivalent (including polytechnic post-diploma certificate) |
| N3 | At least 1 WSQ Statement of Attainment or other modular certificate at degree level or equivalent |
| N4 | At least 1 WSQ Statement of Attainment or other modular certificate at postgraduate level or equivalent |
| N9 | Other statements of attainment, modular certificates or equivalent |
| X | NOT REPORTED |
| XX | Not reported |

| SSEC 2020 | Title |
|-----------|---|
| 01 | EDUCATION |
| 011 | TEACHER TRAINING |
| 0111 | General Teacher Training |
| 0112 | Early Childhood Education (for childcare, infant, playgroup, pre-nursery, nursery and kindergarten classes) |
| 0113 | Special Education |
| 0114 | Physical Education |
| 0119 | Teacher Training n.e.c. |
| 012 | EDUCATION SCIENCE |
| 0121 | Education Management and Administration |
| 0122 | Curriculum Development |
| 0123 | Educational Assessment |
| 0124 | Educational Psychology |
| 0125 | Educational Technology |
| 0129 | Education Science n.e.c. |
| 013 | TRAINER TRAINING |
| 0130 | Adult and Continuing Education and Training |
| 02 | FINE AND APPLIED ARTS |
| 021 | FINE AND PERFORMING ARTS |
| 0211 | Fine Arts |
| 0212 | Music |
| 0213 | Drama (including theatre studies) |
| 0214 | Dance |
| 0219 | Fine and Performing Arts n.e.c. |

Classification of Field of Study

| SSEC 2020 | Title |
|-----------|--|
| 022 | 3D DESIGN |
| 0221 | Fashion Design |
| 0222 | Interior Design |
| 0223 | Product/Industrial Design |
| 0229 | 3D Design n.e.c. |
| 023 | MEDIA DESIGN/PRODUCTION |
| 0231 | Photography |
| 0232 | Film and Video Production |
| 0233 | Graphic Design |
| 0234 | Digital Media Design |
| 0239 | Media Design/Production n.e.c. |
| 029 | FINE AND APPLIED ARTS NOT ELSEWHERE CLASSIFIED |
| 0290 | Fine and Applied Arts n.e.c. |
| 03 | HUMANITIES AND SOCIAL SCIENCES |
| 031 | LANGUAGE AND CULTURAL STUDIES |
| 0311 | English Studies |
| 0312 | Malay Studies |
| 0313 | Chinese Studies |
| 0314 | Tamil Studies |
| 0315 | Cultural Studies |
| 0316 | Translation and Interpretation |
| 0317 | Linguistics |
| 0319 | Language and Cultural Studies n.e.c. |
| 032 | BEHAVIOURAL SCIENCE |
| 0321 | Sociology and Anthropology |
| 0322 | Psychology |
| 0329 | Behavioural Science n.e.c. |

Classification of Field of Study

| SSEC 2020 | Title |
|-----------|--|
| 033 | ECONOMICS |
| 0330 | Economics |
| 034 | SOCIAL WORK |
| 0341 | Social and Community Services (including family social work) |
| 0342 | Student Care (including supervised care for children before/after school, student counselling) |
| 0343 | Youth Services |
| 0344 | Counselling |
| 0345 | Care for the Aged |
| 0346 | Care for the Disabled and Special Needs |
| 0349 | Social Work n.e.c. |
| 039 | HUMANITIES AND SOCIAL SCIENCES NOT ELSEWHERE CLASSIFIED |
| 0391 | Religious Studies |
| 0392 | Philosophy |
| 0393 | Geography (including cartography) |
| 0394 | Political Science |
| 0395 | History |
| 0399 | Humanities and Social Sciences n.e.c. (including regional studies, international relations) |
| 04 | MASS COMMUNICATION AND INFORMATION SCIENCE |
| 041 | MASS COMMUNICATION |
| 0411 | Mass Communication (including radio, TV broadcasting and new media) |
| 0412 | Public Relations |
| 0413 | Journalism |
| 042 | INFORMATION SCIENCE |
| 0421 | Information Science (including library science, knowledge management) |
| 0422 | Curatorial Studies (including archival studies, museum studies) |

| SSEC 2020 | Title |
|-----------|--|
| 05 | BUSINESS AND ADMINISTRATION |
| 051 | ADMINISTRATION AND MANAGEMENT |
| 0511 | Business Management |
| 0512 | Human Resource Management |
| 0513 | Industrial Management |
| 0514 | Operations/Logistics Management |
| 0515 | Public and Institution Management |
| 0516 | Hospitality and Tourism Management |
| 0517 | Arts and Events Management |
| 0518 | Leadership |
| 0519 | Administration and Management n.e.c. |
| 052 | ACCOUNTANCY |
| 0521 | Accountancy |
| 0522 | Auditing |
| 0523 | Bookkeeping |
| 0524 | Tax accounting |
| 053 | BANKING, INSURANCE AND FINANCIAL SERVICES |
| 0531 | Banking and Finance |
| 0532 | Insurance |
| 0533 | Actuarial Science |
| 0534 | Investment and Securities |
| 0539 | Banking, Insurance and Financial Services n.e.c. (including computational finance) |
| 054 | SALES AND MARKETING |
| 0541 | Marketing |
| 0542 | Advertising |
| 0543 | Retailing and Wholesaling |
| 0544 | Merchandising |
| 0549 | Sales and Marketing n.e.c. |

Classification of Field of Study

| SSEC 2020 | Title |
|-----------|---|
| 055 | MANAGEMENT SUPPORT SERVICES |
| 0551 | Secretarial/Office Skills |
| 0552 | Keyboarding and Shorthand/Stenography |
| 0559 | Management Support Services n.e.c. |
| 059 | BUSINESS AND ADMINISTRATION NOT ELSEWHERE CLASSIFIED |
| 0591 | E-commerce Management |
| 0592 | Entrepreneurship and Innovation Studies |
| 0599 | Business and Administration n.e.c. |
| 06 | LAW |
| 060 | LAW |
| 0601 | Law |
| 0602 | Legal Studies |
| 07 | NATURAL AND MATHEMATICAL SCIENCES |
| 071 | BIOLOGICAL SCIENCES AND TECHNOLOGIES |
| 0711 | Biology (including botany, zoology) |
| 0712 | Physiology |
| 0713 | Biochemistry |
| 0714 | Microbiology |
| 0715 | Biotechnology |
| 0716 | Food Science and Technology |
| 0717 | Environmental Science |
| 0719 | Biological Sciences and Technologies n.e.c. (including cell and molecular biology, computational biology) |

Classification of Field of Study

| SSEC 2020 | Title |
|-----------|--|
| 072 | PHYSICAL SCIENCES AND TECHNOLOGIES |
| 0721 | Chemistry (including applied chemistry) |
| 0722 | Physics (including applied physics) |
| 0723 | Materials Science |
| 0729 | Physical Sciences and Technologies n.e.c. (including computational chemistry, computational physics) |
| 073 | AGRICULTURE AND FISHERY |
| 0731 | Agricultural Science (including agrobiolgy) |
| 0732 | Fishery |
| 0733 | Horticulture |
| 0734 | Forestry |
| 074 | VETERINARY SCIENCES |
| 0741 | Veterinary Sciences |
| 0742 | Veterinary Support Services |
| 075 | MATHEMATICS AND STATISTICS |
| 0751 | Mathematics (including applied mathematics) |
| 0752 | Statistics |
| 0753 | Data Science and Analytics |
| 0759 | Mathematics and Statistics n.e.c. (including computational mathematics) |
| 079 | NATURAL AND MATHEMATICAL SCIENCES NOT ELSEWHERE CLASSIFIED |
| 0790 | Natural and Mathematical Sciences n.e.c. |
| 08 | HEALTH SCIENCES |
| 081 | GENERAL MEDICAL SCIENCES |
| 0811 | General Medicine (including internal/occupational/public health/family and community medicine) |
| 0812 | General Surgery |

Classification of Field of Study

| SSEC 2020 | Title |
|-----------|--|
| 082 | SPECIALISED MEDICAL SCIENCES |
| 0821 | Obstetrics and Gynaecology |
| 0822 | Paediatrics |
| 0823 | Anaesthesiology |
| 0824 | Radiology |
| 0825 | Psychiatry |
| 0826 | Orthopaedics |
| 0827 | Ophthalmology |
| 0828 | Cardiology |
| 0829 | Specialised Medical Sciences n.e.c. |
| 083 | DENTISTRY |
| 0831 | General Dentistry |
| 0832 | Specialised Dentistry |
| 0833 | Oral Health Therapy |
| 0834 | Dental Sciences/Auxiliary |
| 084 | NURSING AND HEALTH CARE |
| 0841 | Nursing |
| 0842 | Health care |
| 085 | PHARMACY |
| 0850 | Pharmacy |
| 086 | THERAPY AND REHABILITATION |
| 0861 | Traditional and Complementary Medicine and Therapy |
| 0862 | Physiotherapy |
| 0863 | Occupational Therapy |
| 0864 | Speech and Audiology Therapy |
| 0869 | Therapy and Rehabilitation n.e.c. |

Classification of Field of Study

| SSEC 2020 | Title |
|-----------|--|
| 087 | MEDICAL DIAGNOSTIC AND TREATMENT TECHNOLOGY |
| 0871 | Radiography |
| 0872 | Medical Laboratory Technology |
| 0873 | Cardiac Technology |
| 0879 | Medical Diagnostic and Treatment Technology n.e.c. |
| 089 | HEALTH SCIENCES NOT ELSEWHERE CLASSIFIED |
| 0891 | Nutrition and Dietetics |
| 0892 | Public Health |
| 0893 | Optometry |
| 0894 | Biomedical Science |
| 0899 | Health Sciences n.e.c. |
| 09 | INFORMATION TECHNOLOGY |
| 091 | INFORMATION TECHNOLOGY |
| 0911 | Computer Science |
| 0912 | Information Systems (including Management Information Systems (MIS), system design) |
| 0913 | Software Engineering |
| 0914 | Business Information Technology (including e-commerce technology, business information systems) |
| 0915 | Multi-Media Technology |
| 0916 | Internet Technology |
| 0917 | Infocomm Security |
| 0919 | Information Technology n.e.c. |
| 092 | COMPUTER OPERATIONS/TECHNICAL SUPPORT |
| 0920 | Computer Operations/Technical Support |

| SSEC 2020 | Title |
|-----------|--|
| 10 | ARCHITECTURE, BUILDING AND REAL ESTATE |
| 101 | ARCHITECTURE AND URBAN PLANNING |
| 1011 | Architecture |
| 1012 | Landscape Architecture |
| 1013 | Architectural Technology |
| 1014 | Town/Urban Planning |
| 1015 | Environmental Planning and Design |
| 1016 | Sustainable Building Design |
| 102 | SURVEYING |
| 1021 | Land Surveying |
| 1022 | Quantity Surveying |
| 1023 | Building Surveying and Inspection |
| 1029 | Surveying n.e.c. |
| 103 | BUILDING SCIENCE AND MANAGEMENT |
| 1031 | Building Science and Technology |
| 1032 | Building Construction Management |
| 1033 | Building/Estate/Property Management |
| 1039 | Building Science and Management n.e.c. (including contract management) |
| 104 | BUILDING TRADES |
| 1040 | Building Trades |
| 109 | ARCHITECTURE, BUILDING AND REAL ESTATE NOT ELSEWHERE CLASSIFIED |
| 1091 | Architectural Drafting |
| 1092 | Real Estate (including valuation) |
| 1099 | Architecture, Building and Real Estate n.e.c. |

| SSEC 2020 | Title |
|-----------|--|
| 11 | ENGINEERING SCIENCES |
| 111 | CHEMICAL ENGINEERING |
| 1111 | Chemical Engineering (including chemical process engineering) |
| 1112 | Polymer Engineering and Technology |
| 1113 | Industrial Chemical Technology |
| 1119 | Chemical Engineering n.e.c. |
| 112 | CIVIL ENGINEERING |
| 1121 | Civil Engineering |
| 1122 | Structural Engineering |
| 1123 | Geotechnical Engineering |
| 1124 | Hydraulics Engineering |
| 1125 | Transportation Engineering |
| 1126 | Environmental Engineering (including public health, water resources engineering) |
| 1129 | Civil Engineering n.e.c. (including construction engineering, construction technology and materials) |
| 113 | ELECTRICAL AND ELECTRONICS ENGINEERING |
| 1131 | Electronics Engineering |
| 1132 | Electrical Engineering (including power engineering) |
| 1133 | Communications Engineering (including wireless technology) |
| 1134 | Microelectronics |
| 1135 | Computer Engineering |
| 1136 | Engineering for Clean/Renewable/Sustainable Energy |
| 1139 | Electrical and Electronics Engineering n.e.c. |
| 114 | MECHANICAL ENGINEERING |
| 1141 | Mechanical Engineering |
| 1142 | Aeronautical Engineering (including aerospace electronics) |
| 1143 | Automotive Engineering |
| 1144 | Thermal Engineering |
| 1145 | Mechatronics |
| 1149 | Mechanical Engineering n.e.c. |

Classification of Field of Study

| SSEC 2020 | Title |
|-----------|--|
| 115 | MARINE ENGINEERING |
| 1151 | Marine Engineering |
| 1152 | Shipbuilding Engineering |
| 1153 | Naval Architecture |
| 1159 | Marine Engineering n.e.c. |
| 116 | MANUFACTURING AND RELATED ENGINEERING |
| 1161 | Manufacturing/Production Engineering |
| 1162 | Industrial Engineering |
| 1163 | Materials Engineering |
| 1164 | Precision Engineering |
| 1165 | Quality Assurance Engineering |
| 1169 | Manufacturing and Related Engineering n.e.c. |
| 119 | ENGINEERING SCIENCES NOT ELSEWHERE CLASSIFIED |
| 1191 | Metallurgical Engineering |
| 1192 | Building Services Engineering |
| 1193 | Biomedical Engineering |
| 1199 | Engineering Sciences n.e.c. |
| 12 | ENGINEERING, MANUFACTURING AND RELATED TRADES |
| 121 | ENGINEERING TRADES |
| 1211 | Electrical/Electronics Installation and Servicing (including air-conditioning and refrigeration) |
| 1212 | Mechanical Installation and Servicing |
| 1213 | Precision Machine Technology |
| 1214 | Motor Vehicle Mechanics |
| 1215 | Aircraft Mechanics |
| 1216 | Marine Engineering Mechanics |
| 1219 | Engineering Trades n.e.c. (including welding, pipe and steel fabrication) |

Classification of Field of Study

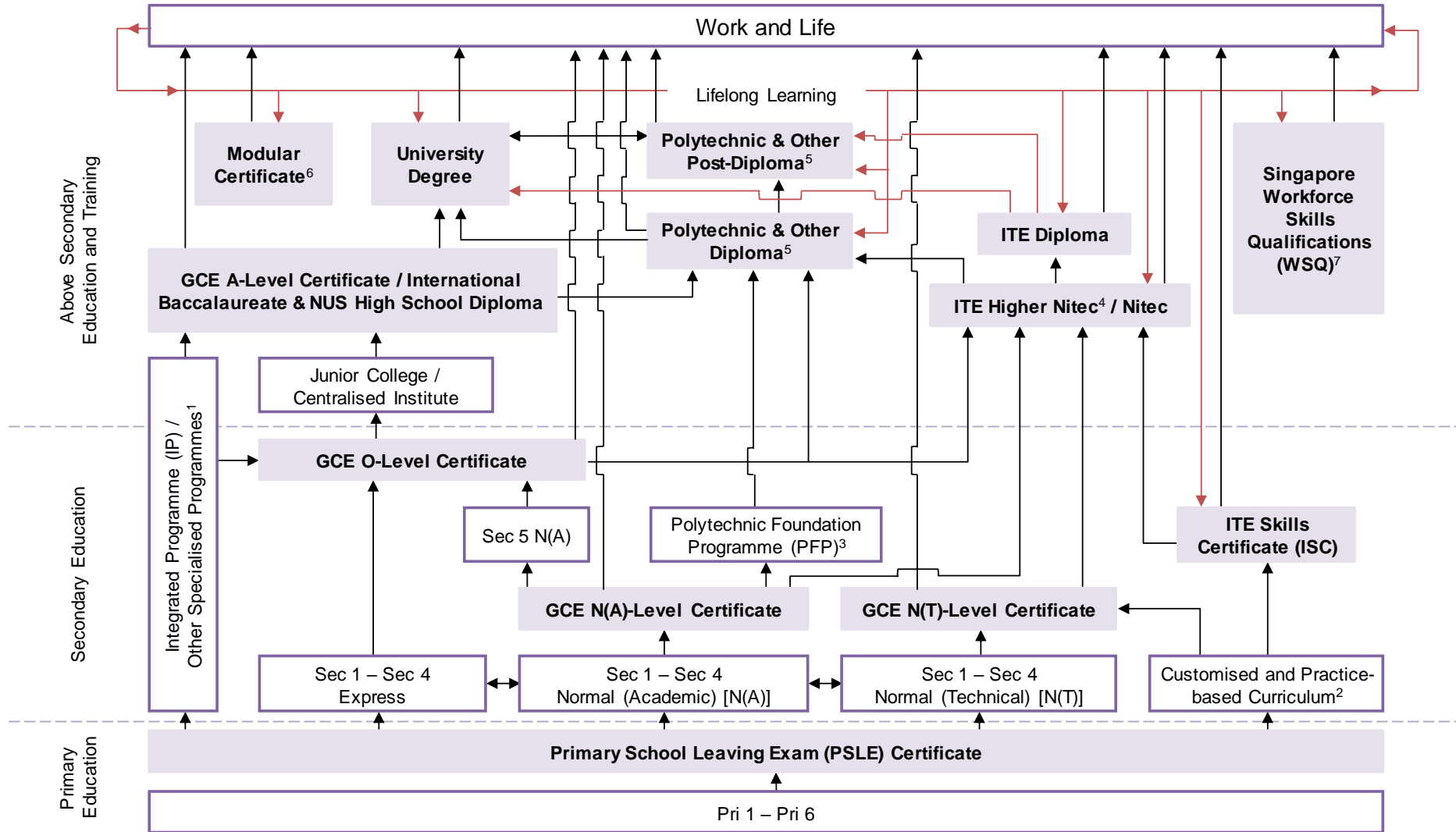
| SSEC 2020 | Title |
|-----------|---|
| 122 | MANUFACTURING TRADES |
| 1221 | Manufacture of Electronic Products and Components |
| 1222 | Printing Crafts |
| 1223 | Furniture Production/Carpentry |
| 1224 | Footwear/Textile/Clothing Production |
| 1229 | Manufacturing Trades n.e.c. |
| 129 | ENGINEERING, MANUFACTURING AND RELATED TRADES NOT ELSEWHERE CLASSIFIED |
| 1291 | Civil and Structural Drafting |
| 1292 | Electrical Drafting |
| 1293 | Mechanical Drafting |
| 1299 | Engineering, Manufacturing and Related Trades n.e.c. |
| 13 | SERVICES |
| 131 | PERSONAL SERVICES |
| 1311 | Hairdressing |
| 1312 | Beauty Services |
| 1313 | Fashion Garment/Garment Patternmaking |
| 1314 | Domestic Science |
| 1319 | Personal Services n.e.c. |
| 132 | FOOD SERVICES |
| 1321 | Culinary Skills/Arts (including food preparation) |
| 1322 | Pastry Making and Baking Skills |
| 1323 | Food and Beverage Management/Services |
| 1329 | Food Services n.e.c. |
| 133 | HOSPITALITY SERVICES |
| 1331 | Front Office Operations |
| 1332 | Accommodation Services |
| 1333 | Housekeeping |
| 1334 | Travel/Tourism Services |
| 1339 | Hospitality Services n.e.c. |

Classification of Field of Study

| SSEC 2020 | Title |
|-----------|--|
| 134 | TRANSPORT SERVICES |
| 1341 | Maritime Studies (including nautical studies, maritime transportation) |
| 1342 | Aircraft Operation |
| 1343 | Air Traffic Control |
| 1349 | Transport Services n.e.c. |
| 135 | SAFETY AND SECURITY SERVICES |
| 1351 | Police Studies and Security Management |
| 1352 | Civil Defence |
| 1353 | Hotel Security |
| 1354 | Occupational Safety Management (including fire and safety management) |
| 1359 | Safety and Security Services n.e.c. |
| 136 | SPORTS AND RECREATION SERVICES |
| 1361 | Sports and Recreation Studies |
| 1362 | Fitness Training and Sports Coaching |
| 1369 | Sports and Recreation Services n.e.c. (including Sports Management) |
| 99 | OTHER FIELDS |
| 990 | OTHER FIELDS NOT ELSEWHERE CLASSIFIED |
| 9900 | Other Fields n.e.c. |
| XX | NOT REPORTED |
| XXX | NOT REPORTED |
| XXXX | Not Reported |

Part III: Appendices

Appendix 1: Singapore Education System with Continuing Education and Training System



¹ Other specialised programmes include specialised education that is catered to students with talents and strong interests in specific fields, such as the arts, sports, mathematics and science, and applied learning.

² This refers to customised programmes offered by Specialised Schools for students who are inclined towards hands-on and practical learning. These schools include NorthLight School, Assumption Pathway School, Crest Secondary School and Spectra Secondary School.

³ PFP is a one-year programme in lieu of the Sec 5 N(A), offered to polytechnic-bound Sec 4 N(A) graduates to better prepare them for entry into the relevant diploma courses in polytechnics.

⁴ ITE Higher Nitec is offered to both GCE O- and N(A)-Level graduates. The better performers among the Sec 4 N(A) graduates are able to advance to Higher Nitec via Direct-Entry-Scheme to Polytechnic Programme (DPP) which guarantees them a place in a polytechnic diploma course mapped to their Higher Nitec course.

⁵ This refers to diploma/post-diploma offered by polytechnics and other institutions (e.g. NIE, LASALLE and NAFA).

⁶ This refers to modular and short courses offered at universities, polytechnics, ITE and Private Education Institutions (PEIs).

⁷ This refers to WSQ full qualifications and WSQ Statements of Attainment offered by WSQ training providers accredited by SkillsFuture Singapore.

Appendix 2: Comparison between SSEC 2020 and SSEC 2015 – Level of Education Attending

| SSEC 2020 LEA | | SSEC 2015 LEA | |
|---------------|---|---------------|---|
| 0 | PRE-PRIMARY | 0 | PRE-PRIMARY |
| 00 | Pre-Primary (i.e. Nursery, Kindergarten 1, Kindergarten 2) | 01 | Pre-Primary |
| 1 | PRIMARY | 1 | PRIMARY |
| 11 | Primary 1 | 11 | Primary 1 |
| 12 | Primary 2 | 12 | Primary 2 |
| 13 | Primary 3 | 13 | Primary 3 |
| 14 | Primary 4 | 14 | Primary 4 |
| 15 | Primary 5 | 15 | Primary 5 |
| 16 | Primary 6 | 16 | Primary 6 |
| 19 | Other primary education or equivalent | 19 | Other primary education or equivalent n.e.c. |
| 2 | SECONDARY | 2 | SECONDARY |
| 21 | Secondary 1 | 21 | Secondary 1 |
| 22 | Secondary 2 | 22 | Secondary 2 |
| 23 | Secondary 3 | 23 | Secondary 3 |
| 24 | Secondary 4 | 24 | Secondary 4 |
| 25 | Secondary 5 | 25 | Secondary 5 |
| 26 | ITE Skills Certificate (ISC) | 26 | ITE Skills Certificate (ISC) |
| 27 | Other secondary education or equivalent | 27 | Other secondary education or equivalent |
| 28 | Other skills certificate courses or equivalent (except ISC) | 28 | Other skills certificate courses or equivalent (except ISC) |

| SSEC 2020 LEA | | SSEC 2015 LEA | |
|---------------|---|---------------|---|
| 3 | POST-SECONDARY (NON-TERTIARY): GENERAL AND VOCATIONAL | 3 | POST-SECONDARY (NON-TERTIARY): GENERAL AND VOCATIONAL |
| 31 | Pre-University 1 / Junior College 1 (general) (including Year 5 of Integrated Programme) | 31 | Pre-University 1 / Junior College 1 (General) (including Year 1 of Integrated Programme) |
| 32 | Pre-University 2 / Junior College 2 (general) (including Year 6 of Integrated Programme) | 32 | Pre-University 2 / Junior College 2 (General) |
| 33 | Pre-University 3 (General) | 33 | Pre-University 3 (General) |
| 34 | National ITE Certificate (Nitec) | 34 | National ITE Certificate (Nitec) |
| 35 | Higher Nitec | 35 | Higher Nitec |
| 36 | Master Nitec | 36 | Master Nitec |
| 37 | Other post-secondary (non-tertiary; general) education or equivalent | 37 | Other post-secondary (non-tertiary; General) education or equivalent |
| 38 | Other post-secondary (non-tertiary; vocational) education or equivalent (including advanced certificate courses) | 38 | Other post-secondary (non-tertiary; Vocational) education or equivalent (eg advanced certificate courses) |
| 4 | POLYTECHNIC DIPLOMA | 4 | POLYTECHNIC DIPLOMA COURSE |
| 41 | Polytechnic diploma | 41 | Polytechnic diploma |
| 42 | Polytechnic post-diploma (including polytechnic advanced/specialist diploma, diploma (conversion)) | 42 | Polytechnic advanced diploma (including polytechnic advanced/post/specialist/management/graduate diploma) |
| 5 | PROFESSIONAL QUALIFICATION AND OTHER DIPLOMA | 5 | OTHER COURSES LEADING TO AWARD OF PROFESSIONAL QUALIFICATION AND OTHER DIPLOMA |
| 51 | ITE diploma | 51 | ITE diploma |
| 52 | Other locally or externally developed diploma (including NIE diploma, SIM diploma, LASALLE diploma, NAFA diploma) | 52 | Other diploma (eg NIE diploma, SIM diploma, LASALLE-SIA diploma, NAFA diploma or equivalent) |

| SSEC 2020 LEA | | SSEC 2015 LEA | |
|---------------|--|---------------|---|
| 53 | Qualification awarded by professional bodies (including ACCA, CFA) | 53 | Qualifications awarded by professional bodies |
| 59 | Other post-diploma qualifications or equivalent | 59 | Other advanced diploma, post diploma qualifications or equivalent n.e.c. |
| 6 | BACHELOR'S OR EQUIVALENT | 6 | BACHELOR'S OR EQUIVALENT |
| 61 | First degree or equivalent | 60 | Bachelor's degree or equivalent (including NIE bachelor degree with diploma in education) |
| 62 | Long first degree or equivalent | | |
| 7 | POSTGRADUATE DIPLOMA/CERTIFICATE (EXCLUDING MASTER'S AND DOCTORATE) | 7 | POSTGRADUATE DIPLOMA/CERTIFICATE (EXCLUDING MASTER'S AND DOCTORATE) |
| 70 | Postgraduate diploma/certificate (including NIE postgraduate diploma) | 70 | Postgraduate diploma/certificate (including NIE postgraduate diploma) |
| 8 | MASTER'S AND DOCTORATE OR EQUIVALENT | 8 | MASTER'S AND DOCTORATE OR EQUIVALENT |
| 81 | Master's degree or equivalent | 81 | Master's or equivalent |
| 82 | Doctoral degree or equivalent | 82 | Doctorate or equivalent |
| X | NOT REPORTED | X | NOT REPORTED |
| XX | Not Reported | XX | Not Reported |

Appendix 3: Comparison between SSEC 2020 and SSEC 2015 – Educational Qualification Attained

| SSEC 2020 EQA | | SSEC 2015 EQA | |
|---------------|---|---------------|--|
| 0 | NO FORMAL QUALIFICATION / PRE-PRIMARY / LOWER PRIMARY | 0 | NO FORMAL QUALIFICATION / PRE-PRIMARY / LOWER PRIMARY |
| 01 | Never attended school | 01 | Never attended school |
| 02 | Pre-Primary (i.e. Nursery, Kindergarten 1, Kindergarten 2) | 02 | Pre-primary / Kindergarten education |
| 03 | Primary education without Primary School Leaving Examination (PSLE) / Primary School Proficiency Examination (PSPE) certificate or equivalent | 03 | Primary education without PSLE / PSPE certification or their equivalent |
| 04 | Certificate in BEST 1-3 | 04 | Certificate in BEST 1-3 |
| 1 | PRIMARY | 1 | PRIMARY |
| 11 | Primary School Leaving Examination (PSLE) / Primary School Proficiency Examination (PSPE) certificate or equivalent | 11 | Primary School Leaving Certificate (PSLE) / Primary School Proficiency Certificate (PSPE) or other certificates of equivalent standard |
| 12 | Certificate in BEST 4 | 12 | Certificate in BEST 4 |
| 13 | At least 3 achievements* for different Workplace Literacy or Numeracy (WPLN) skills at Level 1 or 2 | 13 | At least 3 WSQ Statements of Attainment in Workplace Literacy or Numeracy (WPLN) at Level 1 or 2 (eg under ESS, ES) |
| 2 | LOWER SECONDARY | 2 | LOWER SECONDARY |
| 21 | Secondary education without any subject pass at GCE 'O'/'N' Level or equivalent | 21 | Secondary education without a GCE 'O' / 'N' Level pass or their equivalent |
| 22 | Certificate in WISE 1-3 | 22 | Certificate in WISE 1-3 |
| 23 | Basic vocational certificate (including ITE Basic Vocational Training) | 23 | Basic vocational certificates (including ITE Basic Vocational Training) |
| 24 | At least 3 achievements* for different Workplace Literacy or Numeracy (WPLN) skills at Level 3 or 4 | 24 | At least 3 WSQ Statements of Attainment in Workplace Literacy or Numeracy (WPLN) at Level 3 or 4 (eg under ESS, ES) |

| SSEC 2020 EQA | | SSEC 2015 EQA | |
|---------------|--|---------------|---|
| 3 | SECONDARY | 3 | SECONDARY |
| 31 | At least 1 subject pass at GCE 'N' Level | 31 | At least 1 GCE 'N' Level pass |
| 32 | At least 1 subject pass at GCE 'O' Level | 32 | At least 1 GCE 'O' Level pass |
| 33 | National ITE Certificate (Intermediate) or equivalent (including National Technical Certificate (NTC) Grade 3, Certificate of Vocational Training, BCA Builder Certificate) | 33 | National ITE Certificate (Intermediate) or equivalent (eg National Technical Certificate Grade 3, Certificate of Vocational Training, BCA Builder Certificate) |
| 34 | ITE Skills Certificate (ISC) or equivalent (including Certificate of Competency, Certificate in Service Skills) | 34 | ITE Skills Certificate (ISC) or equivalent (eg Certificate of Competency, Certificate in Service Skills) |
| 35 | At least 3 achievements* for different Workplace Literacy or Numeracy (WPLN) skills at Level 5 and above | 35 | At least 3 WSQ Statements of Attainment in Workplace Literacy or Numeracy (WPLN) at Level 5 and above (eg under ESS, ES) |
| 39 | Other secondary education/certificates or equivalent | 39 | Other certificates or qualifications of equivalent standard (secondary) n.e.c. |
| 4 | POST-SECONDARY (NON-TERTIARY): GENERAL AND VOCATIONAL | 4 | POST-SECONDARY (NON-TERTIARY): GENERAL & VOCATIONAL |
| 41 | At least 1 subject pass at GCE 'A'/'H2' Level or equivalent (general) | 41 | At least 1 GCE 'A'/'H2' Level pass or equivalent (General) |
| 42 | National ITE Certificate (Nitec) or equivalent (including Post Nitec Certificate, Specialist Nitec, Certificate in Office Skills, National Technical Certificate (NTC) Grade 2, National Certificate in Nursing, BCA Advanced Builder Certificate) | 42 | National ITE Certificate (Nitec) or equivalent (eg Post Nitec Certificate, Specialist Nitec, Certificate in Office Skills, National Technical Certificate Grade 2, National Certificate in Nursing, Advanced Builder Certificate) |
| 43 | Higher Nitec or equivalent (including Certificate in Business Skills, Industrial Technician Certificate) | 43 | Higher Nitec, including Certificate in Business Skills, Industrial Technician Certificate and other polytechnic certificates |
| 44 | Master Nitec or equivalent (including NTC Grade 1) | 44 | Master Nitec or equivalent (eg National Technical Certificate Grade 1) |
| 45 | WSQ Certificate or equivalent | 45 | WSQ Certificate or equivalent |
| 46 | WSQ Higher Certificate or equivalent | 46 | WSQ Higher Certificate or equivalent |
| 47 | WSQ Advanced Certificate or equivalent | 47 | WSQ Advanced Certificate or equivalent |

| SSEC 2020 EQA | | SSEC 2015 EQA | |
|---------------|---|---------------|--|
| 48 | Other post-secondary (non-tertiary; general) qualifications or equivalent (including International Baccalaureate / NUS High School Diploma) | 48 | Other post-secondary (non-tertiary; General) qualifications, including International Baccalaureate / High School Diploma |
| 49 | Other post-secondary (non-tertiary; vocational) certificates/qualifications or equivalent (including SIM certificate) | 49 | Other post-secondary (non-tertiary; Vocational) certificates (eg SIM certificates) qualifications |
| 5 | POLYTECHNIC DIPLOMA | 5 | POLYTECHNIC DIPLOMA |
| 51 | Polytechnic diploma | 51 | Polytechnic diploma |
| 52 | Polytechnic post-diploma (including polytechnic advanced/specialist/management/graduate diploma, diploma (conversion)) | 52 | Polytechnic advanced diploma (including polytechnic advanced/post/specialist/management/graduate diploma) |
| 6 | PROFESSIONAL QUALIFICATION AND OTHER DIPLOMA | 6 | PROFESSIONAL QUALIFICATION AND OTHER DIPLOMA |
| 61 | ITE diploma | 61 | ITE diploma |
| 62 | Other locally or externally developed diploma (including NIE diploma, SIM diploma, LASALLE diploma, NAFA diploma) | 62 | Diploma qualifications (eg NIE diploma, SIM diploma, LaSalle-SIA diploma, NAFA diploma) |
| 63 | Qualification awarded by professional bodies (including ACCA, CFA) | 63 | Qualifications awarded by professional bodies |
| 64 | WSQ diploma | 64 | WSQ diploma |
| 65 | WSQ specialist diploma | 65 | WSQ specialist diploma |
| 69 | Other post-diploma qualifications or equivalent | 69 | Other advanced diploma, post-diploma qualifications or equivalent n.e.c. |
| 7 | BACHELOR'S OR EQUIVALENT | 7 | BACHELOR'S OR EQUIVALENT |
| 71 | First degree or equivalent | 70 | Bachelor's degree or equivalent |
| 72 | Long first degree or equivalent | | |

| SSEC 2020 EQA | | SSEC 2015 EQA | |
|---------------|---|---------------|--|
| 8 | POSTGRADUATE DIPLOMA/CERTIFICATE (EXCLUDING MASTER'S AND DOCTORATE) | 8 | POSTGRADUATE DIPLOMA / CERTIFICATE (EXCLUDING MASTER'S AND DOCTORATE) |
| 81 | Postgraduate diploma/certificate (including NIE postgraduate diploma) | 81 | Postgraduate diploma (including NIE postgraduate diploma) |
| 82 | WSQ graduate certificate | 82 | WSQ graduate certificate |
| 83 | WSQ graduate diploma | 83 | WSQ graduate diploma |
| 9 | MASTER'S AND DOCTORATE OR EQUIVALENT | 9 | MASTER'S AND DOCTORATE OR EQUIVALENT |
| 91 | Master's degree or equivalent | 91 | Master's or equivalent |
| 92 | Doctoral degree or equivalent | 92 | Doctorate or equivalent |
| N | MODULAR CERTIFICATION (NON-AWARD COURSES / NON-FULL QUALIFICATIONS) | N | MODULAR CERTIFICATION (NON-AWARD COURSES / NON-FULL QUALIFICATIONS) |
| N1 | At least 1 WSQ Statement of Attainment or ITE modular certificate at post-secondary level (non-tertiary) or equivalent | N1 | At least 1 WSQ Statement of Attainment or ITE modular certificate at Post-Secondary Level (Non-Tertiary) or equivalent |
| N2 | At least 1 WSQ Statement of Attainment or other modular certificate at diploma level or equivalent (including polytechnic post-diploma certificate) | N2 | At least 1 WSQ Statement of Attainment or other modular certificate at Diploma Level or equivalent |
| N3 | At least 1 WSQ Statement of Attainment or other modular certificate at degree level or equivalent | N3 | At least 1 WSQ Statement of Attainment or other modular certificate at Degree Level or equivalent |
| N4 | At least 1 WSQ Statement of Attainment or other modular certificate at postgraduate level or equivalent | N4 | At least 1 WSQ Statement of Attainment or other modular certificate at Postgraduate Level or equivalent |
| N9 | Other statements of attainment, modular certificates or equivalent | N9 | Other Statement of Attainment, modular certificate or equivalent n.e.c. |
| X | NOT REPORTED | X | NOT REPORTED |
| XX | Not Reported | XX | Not Reported |

* These refers to both WSQ Statement of Attainment and/or certification issued by SkillsFuture Singapore's appointed WPLN assessment partner.

Appendix 4: Comparison between SSEC 2020 and SSEC 2015 – Field of Study

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|---|---------------|--|
| | | 00 | GENERIC PROGRAMMES AND QUALIFICATIONS |
| | | 000 | GENERIC PROGRAMMES AND QUALIFICATIONS |
| | | 0001 | Basic Programmes and Qualifications |
| | | 0002 | Literacy and Numeracy |
| | | 0003 | Personal Skills and Development |
| 01 | EDUCATION | 01 | EDUCATION |
| 011 | TEACHER TRAINING | 011 | TEACHER TRAINING |
| 0111 | General Teacher Training | 0111 | General Teacher Training |
| 0112 | Early Childhood Education (for childcare, infant, playgroup, pre-nursery, nursery and kindergarten classes) | 0112 | Early Childhood Education |
| 0113 | Special Education | 0113 | Special Education |
| 0114 | Physical Education | 0114 | Physical Education |
| 0119 | Teacher Training n.e.c. | 0119 | Teacher Training n.e.c. |
| 012 | EDUCATION SCIENCE | 012 | EDUCATION SCIENCE |
| 0121 | Education Management and Administration | 0121 | Education Management & Administration |
| 0122 | Curriculum Development | 0122 | Curriculum Development |
| 0123 | Educational Assessment | 0123 | Educational Assessment |
| 0124 | Educational Psychology | 0124 | Educational Psychology |
| 0125 | Educational Technology | 0125 | Educational Technology |
| 0129 | Education Science n.e.c. | 0129 | Education Science n.e.c. |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|---|---------------|--|
| 013 | TRAINER TRAINING | 013 | TRAINER TRAINING |
| 0130 | Adult and Continuing Education and Training | 0130 | Adult & Continuing Education and Training |
| 02 | FINE AND APPLIED ARTS | 02 | FINE AND APPLIED ARTS |
| 021 | FINE AND PERFORMING ARTS | 021 | FINE & PERFORMING ARTS |
| 0211 | Fine Arts | 0211 | Fine Arts |
| 0212 | Music | 0212 | Music |
| 0213 | Drama (including theatre studies) | 0213 | Drama (including theatre studies) |
| 0214 | Dance | 0214 | Dance |
| 0219 | Fine and Performing Arts n.e.c. | 0219 | Fine & Performing Arts n.e.c. |
| 022 | 3D DESIGN | 022 | DESIGN & APPLIED ARTS |
| 0221 | Fashion Design | 0221 | Graphic & Multi-Media Design (eg visual communication, communication design) |
| 0222 | Interior Design | 0222 | Fashion Design |
| 0223 | Product/Industrial Design | 0223 | Interior Design |
| 0229 | 3D Design n.e.c. | 0224 | Product/Industrial Design |
| | | 0225 | Games Design |
| | | 0226 | Animation and Visual Effects |
| | | 0229 | Design & Applied Arts n.e.c. |
| 023 | MEDIA DESIGN/PRODUCTION | 023 | MEDIA PRODUCTION |
| 0231 | Photography | 0231 | Photography |
| 0232 | Film and Video Production | 0232 | Videography |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|--|---------------|---|
| 0233 | Graphic Design | 0233 | Cinematography (including digital filmmaking) |
| 0234 | Digital Media Design | 0239 | Media Production n.e.c. |
| 0239 | Media Design/Production n.e.c. | | |
| 029 | FINE AND APPLIED ARTS NOT ELSEWHERE CLASSIFIED | 029 | FINE & APPLIED ARTS NOT ELSEWHERE CLASSIFIED |
| 0290 | Fine and Applied Arts n.e.c. | 0291 | Publishing |
| | | 0299 | Fine & Applied Arts n.e.c. |
| 03 | HUMANITIES AND SOCIAL SCIENCES | 03 | HUMANITIES & SOCIAL SCIENCES |
| 031 | LANGUAGE AND CULTURAL STUDIES | 031 | LANGUAGE & CULTURAL STUDIES |
| 0311 | English Studies | 0311 | English Studies |
| 0312 | Malay Studies | 0312 | Malay Studies |
| 0313 | Chinese Studies | 0313 | Chinese Studies |
| 0314 | Tamil Studies | 0314 | Tamil Studies |
| 0315 | Cultural Studies | 0319 | Language & Cultural Studies n.e.c. (eg applied linguistics) |
| 0316 | Translation and Interpretation | | |
| 0317 | Linguistics | | |
| 0319 | Language and Cultural Studies n.e.c. | | |
| 032 | BEHAVIOURAL SCIENCE | 032 | BEHAVIOURAL SCIENCE |
| 0321 | Sociology and Anthropology | 0321 | Sociology & Anthropology |
| 0322 | Psychology | 0322 | Psychology |
| 0329 | Behavioural Science n.e.c. | 0329 | Behavioural Science n.e.c. (eg criminology) |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|--|---------------|---|
| 033 | ECONOMICS | 033 | ECONOMICS |
| 0330 | Economics | 0330 | Economics |
| 034 | SOCIAL WORK | 034 | SOCIAL AND COMMUNITY SERVICES |
| 0341 | Social and Community Services (including family social work) | 0341 | Social Work |
| 0342 | Student Care (including supervised care for children before/after school, student counselling) | 0342 | Student Care (eg supervised care for children before/after school, student counselling) |
| 0343 | Youth Services | 0343 | Youth Care (eg engaging at-risk youths, mentoring youths) |
| 0344 | Counselling | 0344 | Counselling |
| 0345 | Care for the Aged | | |
| 0346 | Care for the Disabled and Special Needs | | |
| 0349 | Social Work n.e.c. | | |
| 039 | HUMANITIES AND SOCIAL SCIENCES NOT ELSEWHERE CLASSIFIED | 039 | HUMANITIES & SOCIAL SCIENCES NOT ELSEWHERE CLASSIFIED |
| 0391 | Religious Studies | 0391 | Religious Studies |
| 0392 | Philosophy | 0392 | Philosophy |
| 0393 | Geography (including cartography) | 0393 | Geography (including cartography) |
| 0394 | Political Science | 0394 | Political Science |
| 0395 | History | 0395 | History |
| 0399 | Humanities and Social Sciences n.e.c. (including regional studies, international relations) | 0399 | Humanities & Social Sciences n.e.c. (including regional studies, international relations, demography, labour studies) |
| 04 | MASS COMMUNICATION AND INFORMATION SCIENCE | 04 | MASS COMMUNICATION AND INFORMATION SCIENCE |
| 041 | MASS COMMUNICATION | 041 | MASS COMMUNICATION |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|---|---------------|---|
| 0411 | Mass Communication (including radio, TV broadcasting and new media) | 0411 | Mass Communication (including radio & TV broadcasting) |
| 0412 | Public Relations | 0412 | Public Relations |
| 0413 | Journalism | 0413 | Journalism |
| 042 | INFORMATION SCIENCE | 042 | INFORMATION SCIENCE |
| 0421 | Information Science (including library science, knowledge management) | 0421 | Information Science (including library science) |
| 0422 | Curatorial Studies (including archival studies, museum studies) | 0422 | Curatorial Studies (including archival studies, museum studies) |
| 05 | BUSINESS AND ADMINISTRATION | 05 | BUSINESS AND ADMINISTRATION |
| 051 | ADMINISTRATION AND MANAGEMENT | 051 | ADMINISTRATION & MANAGEMENT |
| 0511 | Business Management | 0511 | Business Management |
| 0512 | Human Resource Management | 0512 | Human Resource Management |
| 0513 | Industrial Management | 0513 | Industrial Management |
| 0514 | Operations/Logistics Management | 0514 | Operations/Logistics Management |
| 0515 | Public and Institution Management | 0515 | Public and Institution Management |
| 0516 | Hospitality and Tourism Management | 0516 | Hospitality and Tourism Management |
| 0517 | Arts and Events Management | 0517 | Arts & Events Management |
| 0518 | Leadership | 0519 | Administration & Management n.e.c. |
| 0519 | Administration and Management n.e.c. | | |
| 052 | ACCOUNTANCY | 052 | ACCOUNTANCY |
| 0521 | Accountancy | 0521 | Accountancy |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|---|---------------|---|
| 0522 | Auditing | 0522 | Auditing |
| 0523 | Bookkeeping | 0523 | Bookkeeping |
| 0524 | Tax Accounting | 0524 | Tax accounting |
| 053 | BANKING, INSURANCE AND FINANCIAL SERVICES | 053 | BANKING, INSURANCE & FINANCIAL SERVICES |
| 0531 | Banking and Finance | 0531 | Banking & Financial Investment |
| 0532 | Insurance | 0532 | Insurance |
| 0533 | Actuarial Science | 0533 | Actuarial Science |
| 0534 | Investment and Securities | 0539 | Banking, Insurance & Financial Services n.e.c. (including computational finance) |
| 0539 | Banking, Insurance and Financial Services n.e.c. (including computational finance) | | |
| 054 | SALES AND MARKETING | 054 | SALES & MARKETING |
| 0541 | Marketing | 0541 | Marketing |
| 0542 | Advertising | 0542 | Advertising |
| 0543 | Retailing and Wholesaling | 0543 | Retailing & Wholesaling |
| 0544 | Merchandising | 0544 | Merchandising |
| 0549 | Sales and Marketing n.e.c. | 0549 | Sales & Marketing n.e.c. |
| 055 | MANAGEMENT SUPPORT SERVICES | 055 | MANAGEMENT SUPPORT SERVICES |
| 0551 | Secretarial/Office Skills | 0551 | Secretarial/Office Skills |
| 0552 | Keyboarding and Shorthand/Stenography | 0552 | Keyboarding and Shorthand/Stenography |
| 0559 | Management Support Services n.e.c. | 0559 | Management Support Services n.e.c. |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|---|---------------|--|
| 059 | BUSINESS AND ADMINISTRATION NOT ELSEWHERE CLASSIFIED | 059 | BUSINESS & ADMINISTRATION NOT ELSEWHERE CLASSIFIED |
| 0591 | E-commerce Management | 0591 | E-commerce Management |
| 0592 | Entrepreneurship and Innovation Studies | 0599 | Business & Administration n.e.c. (including entrepreneurship) |
| 0599 | Business and Administration n.e.c. | | |
| 06 | LAW | 06 | LAW |
| 060 | LAW | 060 | LAW |
| 0601 | Law | 0601 | Law |
| 0602 | Legal Studies | 0602 | Legal Studies |
| 07 | NATURAL AND MATHEMATICAL SCIENCES | 07 | NATURAL, PHYSICAL, CHEMICAL AND MATHEMATICAL SCIENCES |
| 071 | BIOLOGICAL SCIENCES AND TECHNOLOGIES | 071 | BIOLOGICAL SCIENCES & TECHNOLOGIES |
| 0711 | Biology (including botany, zoology) | 0711 | Biology (including botany, zoology) |
| 0712 | Physiology | 0712 | Physiology |
| 0713 | Biochemistry | 0713 | Biochemistry |
| 0714 | Microbiology | 0714 | Microbiology |
| 0715 | Biotechnology | 0715 | Biotechnology |
| 0716 | Food Science and Technology | 0716 | Food Science & Technology |
| 0717 | Environmental Science | 0717 | Environmental Science |
| 0719 | Biological Sciences and Technologies n.e.c. (including cell and molecular biology, computational biology) | 0719 | Biological Sciences & Technologies n.e.c. (including molecular biology, cell & molecular biology, computational biology) |
| 072 | PHYSICAL SCIENCES AND TECHNOLOGIES | 072 | PHYSICAL SCIENCES & TECHNOLOGIES |
| 0721 | Chemistry (including applied chemistry) | 0721 | Chemistry (including applied chemistry) |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|--|---------------|---|
| 0722 | Physics (including applied physics) | 0722 | Physics (including applied physics) |
| 0723 | Materials Science | 0723 | Materials Science |
| 0729 | Physical Sciences and Technologies n.e.c. (including computational chemistry, computational physics) | 0729 | Physical Sciences & Technologies n.e.c. (including meteorology, astronomy, geology, oceanography, soil & water science, computational chemistry, computational physics) |
| 073 | AGRICULTURE AND FISHERY | 073 | AGRICULTURE & FISHERY |
| 0731 | Agricultural Science (including agrobiolgy) | 0731 | Agricultural Science (including agrobiolgy) |
| 0732 | Fishery | 0732 | Fishery |
| 0733 | Horticulture | 0733 | Horticulture |
| 0734 | Forestry | 0734 | Forestry |
| 074 | VETERINARY SCIENCES | 074 | VETERINARY SCIENCES |
| 0741 | Veterinary Sciences | 0741 | Veterinary Medicine |
| 0742 | Veterinary Support Services | 0742 | Veterinary Support Services |
| 075 | MATHEMATICS AND STATISTICS | 075 | MATHEMATICS & STATISTICS |
| 0751 | Mathematics (including applied mathematics) | 0751 | Mathematics (including applied mathematics) |
| 0752 | Statistics | 0752 | Statistics |
| 0753 | Data Science and Analytics | 0753 | Operations Research |
| 0759 | Mathematics and Statistics n.e.c. (including computational mathematics) | 0754 | Econometrics |
| | | 0759 | Mathematics & Statistics n.e.c. (including computational mathematics) |
| 079 | NATURAL AND MATHEMATICAL SCIENCES NOT ELSEWHERE CLASSIFIED | 079 | NATURAL, PHYSICAL, CHEMICAL & MATHEMATICAL SCIENCES NOT ELSEWHERE CLASSIFIED |
| 0790 | Natural and Mathematical Sciences n.e.c. | 0790 | Natural, Physical, Chemical & Mathematical Sciences n.e.c. |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|--|---------------|--|
| 08 | HEALTH SCIENCES | 08 | HEALTH SCIENCES |
| 081 | GENERAL MEDICAL SCIENCES | 081 | GENERAL MEDICAL SCIENCES |
| 0811 | General Medicine (including internal/occupational/public health/family and community medicine) | 0811 | General Medicine (including internal/occupational/public health/family & community medicine) |
| 0812 | General Surgery | 0812 | General Surgery |
| 082 | SPECIALISED MEDICAL SCIENCES | 082 | SPECIALISED MEDICAL SCIENCES |
| 0821 | Obstetrics and Gynaecology | 0821 | Obstetrics & Gynaecology |
| 0822 | Paediatrics | 0822 | Paediatrics |
| 0823 | Anaesthesiology | 0823 | Anaesthesiology |
| 0824 | Radiology | 0824 | Radiology |
| 0825 | Psychiatry | 0825 | Psychiatry |
| 0826 | Orthopaedics | 0826 | Orthopaedics |
| 0827 | Ophthalmology | 0827 | Ophthalmology |
| 0828 | Cardiology | 0828 | Cardiology |
| 0829 | Specialised Medical Sciences n.e.c. | 0829 | Specialised Medical Sciences n.e.c. |
| 083 | DENTISTRY | 083 | DENTISTRY |
| 0831 | General Dentistry | 0831 | General Dentistry |
| 0832 | Specialised Dentistry | 0832 | Endodontics |
| 0833 | Oral Health Therapy | 0833 | Oral & Maxillo-facial Surgery |
| 0834 | Dental Sciences/Auxiliary | 0834 | Oral Pathology & Oral Medicine |
| | | 0835 | Orthodontics |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|--|---------------|--|
| | | 0836 | Paediatrics Dentistry |
| | | 0837 | Periodontics |
| | | 0838 | Prosthodontics |
| | | 0839 | Dental Sciences n.e.c. |
| 084 | NURSING AND HEALTH CARE | 084 | NURSING & HEALTH CARE |
| 0841 | Nursing | 0841 | Nursing |
| 0842 | Health Care | 0842 | Health care |
| 085 | PHARMACY | 085 | PHARMACY |
| 0850 | Pharmacy | 0850 | Pharmacy |
| 086 | THERAPY AND REHABILITATION | 086 | COMPLEMENTARY THERAPIES |
| 0861 | Traditional and Complementary Medicine and Therapy | 0860 | Complementary Therapies (eg Traditional Chinese Medicine, acupuncture and naturopathy) |
| 0862 | Physiotherapy | | |
| 0863 | Occupational Therapy | | |
| 0864 | Speech and Audiology Therapy | | |
| 0869 | Therapy and Rehabilitation n.e.c. | | |
| 087 | MEDICAL DIAGNOSTIC AND TREATMENT TECHNOLOGY | | |
| 0871 | Radiography | | |
| 0872 | Medical Laboratory Technology | | |
| 0873 | Cardiac Technology | | |
| 0879 | Medical Diagnostic and Treatment Technology n.e.c. | | |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|---|---------------|---|
| 089 | HEALTH SCIENCES NOT ELSEWHERE CLASSIFIED | 089 | HEALTH SCIENCES NOT ELSEWHERE CLASSIFIED |
| 0891 | Nutrition and Dietetics | 0891 | Physiotherapy |
| 0892 | Public Health | 0892 | Occupational Therapy |
| 0893 | Optometry | 0893 | Radiography |
| 0894 | Biomedical Science | 0894 | Nutrition and Dietetics |
| 0899 | Health Sciences n.e.c. | 0895 | Public Health |
| | | 0896 | Optometry |
| | | 0897 | Biomedical Science |
| | | 0898 | Medical Laboratory Technology |
| | | 0899 | Health Sciences n.e.c. (including cardiac technology) |
| 09 | INFORMATION TECHNOLOGY | 09 | INFORMATION TECHNOLOGY |
| 091 | INFORMATION TECHNOLOGY | 091 | INFORMATION TECHNOLOGY |
| 0911 | Computer Science | 0911 | Computer Science (including programming, networking) |
| 0912 | Information Systems (including Management Information Systems (MIS), system design) | 0912 | Information Systems (including MIS, system design) |
| 0913 | Software Engineering | 0913 | Software Engineering |
| 0914 | Business Information Technology (including e-commerce technology, business information systems) | 0914 | Business Information Technology (including e-commerce technology, business information systems) |
| 0915 | Multi-Media Technology | 0915 | Multi-Media Technology (eg Interactive Digital Media (IDM), games development) |
| 0916 | Internet Technology | 0916 | Internet Technology |
| 0917 | Infocomm Security | 0917 | Infocomm Security Management (including network security) |
| 0919 | Information Technology n.e.c. | 0919 | Information Technology n.e.c. |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|---|---------------|---|
| 092 | COMPUTER OPERATIONS/TECHNICAL SUPPORT | 092 | COMPUTER OPERATIONS/TECHNICAL SUPPORT |
| 0920 | Computer Operations/Technical Support | 0920 | Computer Operations/Technical Support |
| 10 | ARCHITECTURE, BUILDING AND REAL ESTATE | 10 | ARCHITECTURE, BUILDING AND REAL ESTATE |
| 101 | ARCHITECTURE AND URBAN PLANNING | 101 | ARCHITECTURE |
| 1011 | Architecture | 1011 | Architecture |
| 1012 | Landscape Architecture | 1012 | Landscape Architecture |
| 1013 | Architectural Technology | 1013 | Architectural Technology |
| 1014 | Town/Urban Planning | | |
| 1015 | Environmental Planning and Design | | |
| 1016 | Sustainable Building Design | | |
| | | 102 | TOWN PLANNING |
| | | 1020 | Town/Urban Planning |
| 102 | SURVEYING | 103 | SURVEYING |
| 1021 | Land Surveying | 1031 | Land Surveying |
| 1022 | Quantity Surveying | 1032 | Quantity Surveying |
| 1023 | Building Surveying and Inspection | 1033 | Building Surveying & Inspection |
| 1029 | Surveying n.e.c. | | |
| 103 | BUILDING SCIENCE AND MANAGEMENT | 104 | BUILDING SCIENCE & MANAGEMENT |
| 1031 | Building Science and Technology | 1041 | Building Science & Technology |
| 1032 | Building Construction Management | 1042 | Building Construction Management |
| 1033 | Building/Estate/Property Management | 1043 | Building/Estate/Property Management |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|--|---------------|--|
| 1039 | Building Science and Management n.e.c. (including contract management) | 1049 | Building Science & Management n.e.c. (including contract management) |
| 104 | BUILDING TRADES | 105 | BUILDING TRADES |
| 1040 | Building Trades | 1050 | Building Trades |
| 109 | ARCHITECTURE, BUILDING AND REAL ESTATE NOT ELSEWHERE CLASSIFIED | 109 | ARCHITECTURE, BUILDING AND REAL ESTATE NOT ELSEWHERE CLASSIFIED |
| 1091 | Architectural Drafting | 1091 | Architectural Drafting |
| 1092 | Real Estate (including valuation) | 1092 | Real Estate (including valuation) |
| 1099 | Architecture, Building and Real Estate n.e.c. | 1099 | Architecture & Building n.e.c. |
| 11 | ENGINEERING SCIENCES | 11 | ENGINEERING SCIENCES |
| 111 | CHEMICAL ENGINEERING | 111 | CHEMICAL ENGINEERING |
| 1111 | Chemical Engineering (including chemical process engineering) | 1111 | Chemical Engineering (including chemical process engineering) |
| 1112 | Polymer Engineering and Technology | 1112 | Polymer Engineering & Technology |
| 1113 | Industrial Chemical Technology | 1113 | Industrial Chemical Technology |
| 1119 | Chemical Engineering n.e.c. | 1119 | Chemical Engineering n.e.c. |
| 112 | CIVIL ENGINEERING | 112 | CIVIL ENGINEERING |
| 1121 | Civil Engineering | 1121 | Civil Engineering |
| 1122 | Structural Engineering | 1122 | Structural Engineering |
| 1123 | Geotechnical Engineering | 1123 | Geotechnical Engineering |
| 1124 | Hydraulics Engineering | 1124 | Hydraulics Engineering |
| 1125 | Transportation Engineering | 1125 | Transportation Engineering |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|--|---------------|--|
| 1126 | Environmental Engineering (including public health, water resources engineering) | 1126 | Environmental Engineering (including public health, water resources engineering) |
| 1129 | Civil Engineering n.e.c. (including construction engineering, construction technology and materials) | 1129 | Civil Engineering n.e.c. (including construction engineering, construction technology & materials) |
| 113 | ELECTRICAL AND ELECTRONICS ENGINEERING | 113 | ELECTRICAL & ELECTRONICS ENGINEERING |
| 1131 | Electronics Engineering | 1131 | Electronics Engineering |
| 1132 | Electrical Engineering (including power engineering) | 1132 | Electrical Engineering (including power engineering) |
| 1133 | Communications Engineering (including wireless technology) | 1133 | Communications Engineering (including wireless technology) |
| 1134 | Microelectronics | 1134 | Microelectronics |
| 1135 | Computer Engineering | 1139 | Electrical & Electronics Engineering n.e.c. |
| 1136 | Engineering for Clean/Renewable/Sustainable Energy | | |
| 1139 | Electrical and Electronics Engineering n.e.c. | | |
| | | 114 | COMPUTER ENGINEERING |
| | | 1140 | Computer Engineering |
| 114 | MECHANICAL ENGINEERING | 115 | MECHANICAL ENGINEERING |
| 1141 | Mechanical Engineering | 1151 | Mechanical Engineering |
| 1142 | Aeronautical Engineering (including aerospace electronics) | 1152 | Aeronautical Engineering (including aerospace electronics) |
| 1143 | Automotive Engineering | 1153 | Automotive Engineering |
| 1144 | Thermal Engineering | 1154 | Thermal Engineering |
| 1145 | Mechatronics | 1155 | Mechatronics |
| 1149 | Mechanical Engineering n.e.c. | 1159 | Mechanical Engineering n.e.c. |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|--|---------------|---|
| 115 | MARINE ENGINEERING | 116 | MARINE ENGINEERING |
| 1151 | Marine Engineering | 1161 | Marine Engineering |
| 1152 | Shipbuilding Engineering | 1162 | Shipbuilding Engineering |
| 1153 | Naval Architecture | 1163 | Naval Architecture |
| 1159 | Marine Engineering n.e.c. | 1169 | Marine Engineering n.e.c. |
| 116 | MANUFACTURING AND RELATED ENGINEERING | 117 | MANUFACTURING & RELATED ENGINEERING |
| 1161 | Manufacturing/Production Engineering | 1171 | Manufacturing/Production Engineering |
| 1162 | Industrial Engineering | 1172 | Industrial Engineering |
| 1163 | Materials Engineering | 1173 | Materials Engineering |
| 1164 | Precision Engineering | 1174 | Precision Engineering |
| 1165 | Quality Assurance Engineering | 1175 | Quality Assurance Engineering |
| 1169 | Manufacturing and Related Engineering n.e.c. | 1179 | Manufacturing & Related Engineering n.e.c. |
| 119 | ENGINEERING SCIENCES NOT ELSEWHERE CLASSIFIED | 119 | ENGINEERING SCIENCES NOT ELSEWHERE CLASSIFIED |
| 1191 | Metallurgical Engineering | 1191 | Metallurgical Engineering |
| 1192 | Building Services Engineering | 1192 | Building Services Engineering |
| 1193 | Biomedical Engineering | 1193 | Biomedical Engineering |
| 1199 | Engineering Sciences n.e.c. | 1199 | Engineering Sciences n.e.c. |
| 12 | ENGINEERING, MANUFACTURING AND RELATED TRADES | 12 | ENGINEERING, MANUFACTURING AND RELATED TRADES |
| 121 | ENGINEERING TRADES | 121 | ENGINEERING TRADES |
| 1211 | Electrical/Electronics Installation and Servicing (including air-conditioning and refrigeration) | 1211 | Electrical/Electronics Installation & Servicing (eg air-conditioning & refrigeration) |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|---|---------------|---|
| 1212 | Mechanical Installation and Servicing | 1212 | Mechanical Installation & Servicing |
| 1213 | Precision Machine Technology | 1213 | Precision Tool Engineering & Design |
| 1214 | Motor Vehicle Mechanics | 1214 | Motor Vehicle Mechanics |
| 1215 | Aircraft Mechanics | 1215 | Aircraft Mechanics |
| 1216 | Marine Engineering Mechanics | 1216 | Marine Engineering Mechanics |
| 1219 | Engineering Trades n.e.c. (including welding, pipe and steel fabrication) | 1219 | Engineering Trades n.e.c. (eg pipe & steel fabrication, welding, diesel engine mechanics) |
| 122 | MANUFACTURING TRADES | 122 | MANUFACTURING TRADES |
| 1221 | Manufacture of Electronic Products and Components | 1221 | Manufacture of Electronic Products & Components |
| 1222 | Printing Crafts | 1222 | Printing Crafts |
| 1223 | Furniture Production/Carpentry | 1223 | Furniture Production/Carpentry |
| 1224 | Footwear/Textile/Clothing Production | 1224 | Footwear/Textile/Clothing Production |
| 1229 | Manufacturing Trades n.e.c. | 1229 | Manufacturing Trades n.e.c. |
| 129 | ENGINEERING, MANUFACTURING AND RELATED TRADES NOT ELSEWHERE CLASSIFIED | 129 | ENGINEERING, MANUFACTURING & RELATED TRADES NOT ELSEWHERE CLASSIFIED |
| 1291 | Civil and Structural Drafting | 1291 | Civil & Structural Drafting |
| 1292 | Electrical Drafting | 1292 | Electrical Drafting |
| 1293 | Mechanical Drafting | 1293 | Mechanical Drafting |
| 1299 | Engineering, Manufacturing and Related Trades n.e.c. | 1299 | Engineering, Manufacturing & Related Trades n.e.c. |
| 13 | SERVICES | 13 | SERVICES |
| 131 | PERSONAL SERVICES | 131 | PERSONAL SERVICES |
| 1311 | Hairdressing | 1311 | Hairdressing |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|--|---------------|--|
| 1312 | Beauty Services | 1312 | Beauty Services |
| 1313 | Fashion Garment/Garment Patternmaking | 1313 | Fashion Garment/Garment Patternmaking |
| 1314 | Domestic Science | 1314 | Domestic Science |
| 1319 | Personal Services n.e.c. | 1319 | Personal Services n.e.c. |
| 132 | FOOD SERVICES | 132 | FOOD SERVICES |
| 1321 | Culinary Skills/Arts (including food preparation) | 1321 | Culinary Skills/Arts (including food preparation) |
| 1322 | Pastry Making and Baking Skills | 1322 | Pastry Making & Baking Skills |
| 1323 | Food and Beverage Management/Services | 1323 | Food & Beverage Management/Services |
| 1329 | Food Services n.e.c. | 1329 | Food Services n.e.c. |
| 133 | HOSPITALITY SERVICES | 133 | HOSPITALITY SERVICES |
| 1331 | Front Office Operations | 1331 | Front Office Operations |
| 1332 | Accommodation Services | 1332 | Accommodation Services |
| 1333 | Housekeeping | 1333 | Housekeeping |
| 1334 | Travel/Tourism Services | 1334 | Travel/Tourism Services |
| 1339 | Hospitality Services n.e.c. | 1339 | Hospitality Services n.e.c. |
| 134 | TRANSPORT SERVICES | 134 | TRANSPORT SERVICES |
| 1341 | Maritime Studies (including nautical studies, maritime transportation) | 1341 | Maritime Studies (including nautical studies, maritime transportation) |
| 1342 | Aircraft Operation | 1342 | Aircraft Operation |
| 1343 | Air Traffic Control | 1343 | Air Traffic Control |
| 1349 | Transport Services n.e.c. | 1349 | Transport Services n.e.c. |

| SSEC 2020 FOS | | SSEC 2015 FOS | |
|---------------|---|---------------|---|
| 135 | SAFETY AND SECURITY SERVICES | 135 | SECURITY SERVICES |
| 1351 | Police Studies and Security Management | 1351 | Police Studies & Security Management |
| 1352 | Civil Defence | 1352 | Civil Defence |
| 1353 | Hotel Security | 1353 | Fire Fighting |
| 1354 | Occupational Safety Management (including fire and safety management) | 1354 | Hotel Security |
| 1359 | Safety and Security Services n.e.c. | 1355 | Occupational Safety Management (including fire & safety management) |
| | | 1359 | Security Services n.e.c. |
| 136 | SPORTS AND RECREATION SERVICES | 136 | SPORTS AND RECREATION SERVICES |
| 1361 | Sports and Recreation Studies | 1361 | Sports and Recreation Studies |
| 1362 | Fitness Training and Sports Coaching | 1362 | Fitness Training and Sports Coaching |
| 1369 | Sports and Recreation Services n.e.c. (including Sports Management) | 1369 | Sports and Recreation Services n.e.c. (eg Sports Management) |
| 99 | OTHER FIELDS | 99 | OTHER FIELDS |
| 990 | OTHER FIELDS NOT ELSEWHERE CLASSIFIED | 999 | OTHER FIELDS NOT ELSEWHERE CLASSIFIED |
| 9900 | Other Fields n.e.c. | 9991 | Translation & Interpretation |
| | | 9999 | Other Fields n.e.c. |
| XX | NOT REPORTED | XX | NOT REPORTED |
| XXX | NOT REPORTED | XXX | NOT REPORTED |
| XXXX | Not Reported | XXXX | Not Reported |

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Singapore Institute of Technology
Singapore Management University
Singapore University of Social Sciences
Singapore University of Technology and Design

SINGAPORE DEPARTMENT OF STATISTICS INFORMATION DISSEMINATION SERVICES

Statistics Singapore Website

The *Statistics Singapore Website* was launched by the Singapore Department of Statistics (DOS) in January 1995. Internet users can access the website by connecting to:

www.singstat.gov.sg

Key Singapore statistics and resources are available via the following sections:

- **What's New**
Obtain latest data for key economic and social indicators, browse news releases by DOS and Research and Statistics Units (RSUs) of other public sector agencies.
- **Find Data**
Choose from almost 50 topics to access the relevant statistics, press releases, infographics, charts, storyboards, videos and references.
- **Publications**
Browse DOS's publications, papers and articles by topics. All publications are available for free access.
- **Advance Release Calendar**
View dates of upcoming releases in the half-yearly ahead calendar.

The website also provides a convenient gateway to international statistical websites and resources:

- **IMF Dissemination Standards Bulletin Board**
View metadata and latest data about Singapore's key indicators in the real, fiscal, financial and external sectors, including dissemination practices and information about pre-release access of current indicators.
- **International Statistics**
Access international databases, websites of international bodies and national statistical offices.
- **International Classifications**
Access quick links to international economic and social classifications.

SingStat Express

Subscribe to *SingStat Express* and receive email and SMS alerts (for local users) on the latest statistical releases of your choice. Details are available at www.singstat.gov.sg/whats-new/sign-up-for-alerts.

SingStat Mobile App

The *SingStat Mobile App* provides users with on-the-go access to latest key Singapore official statistics and ASEAN statistics via their mobile devices. The app allows visualisation of data with over 200 charts of commonly used statistics from 28 data categories. Users can also opt to receive notifications on updates to their preferred indicators, organise data categories in the order of their preference, download tables or share charts via social media, perform computation for quick analyses and bookmark indicators for quick access. The app is available for downloading in iOS and Android devices. More information is available at www.singstat.gov.sg/our-services-and-tools/singstat-mobile-app.

SINGAPORE DEPARTMENT OF STATISTICS
INFORMATION DISSEMINATION SERVICES (cont'd)

SingStat Table Builder

The *SingStat Table Builder* contains data series from 60 public sector agencies providing a comprehensive statistical view of Singapore economic and socio-demographic characteristics. Users may create customised data tables, and export them in different file formats and download multiple tables at one go. APIs for commonly accessed tables are provided in JSON and CSV formats for ease of data retrieval. In addition, developer APIs are available for users to customise and use the parameters available to define queries. Explore data trends with this digital service at www.singstat.gov.sg/tablebuilder.

Really Simple Syndication




Really Simple Syndication (RSS) is an easy way to stay updated on the latest statistical news released by DOS. The SingStat RSS feed delivers statistical news highlights and hyperlinks to the source documents whenever the updates are posted. More information is available at www.singstat.gov.sg/whats-new/really-simple-syndication-rss.

E-survey

The *E-survey* enables business organisations to complete and submit their survey forms through the internet. Using secured encryption protocols, the *E-survey* ensures that the information transmitted through the net is secured and protected. The system features online helps and validation checks to assist respondents in completing their survey forms. With the *E-survey*, respondents do away with the tedious paper work and manual tasks of mailing or faxing their survey returns to DOS.

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If you have any statistical enquiries or feedback on our services, you are welcomed to:

-  Email us at **info@singstat.gov.sg**
-  Fax to us at **(65) 6332-7689**
-  Call us at **1800-3238118* (local callers)**
(65) 6332-7738 (overseas callers)

* Calls from mobile telephone lines to 1800 local toll free number may be subject to mobile airtime charges as imposed by the relevant mobile service provider.