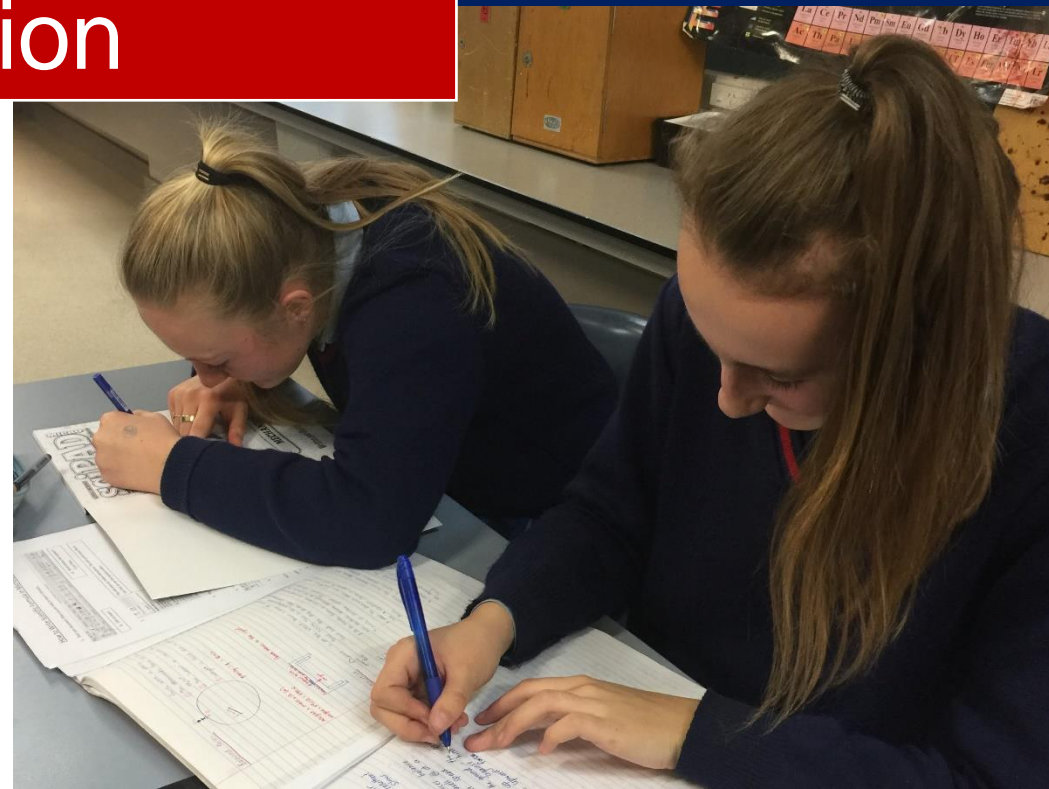


2019

Curriculum Information



Ashburton College

Ashburton College Curriculum Booklet

Introduction

This booklet is designed to help students, and their Parents/Caregivers, select courses for 2019.

In this booklet you will find:

- **General Information** - important details related to curriculum, courses, NCEA, qualifications, etc
- **Course Maps** - an overview of how courses follow on from each other and provide pathways that allow you to progress through Years 9-13

The Course Maps contain all of the courses on offer at Ashburton College for 2019.

You can find out more information about each course in the Course Description Booklet.

Course Maps and Course Descriptions are also found on the College website:

www.ashburtoncollege.school.nz

... click on **Academic**

... then click on **Curriculum** (to select from the 14 Course Maps available)

... or click on **Course Descriptions** (to find all the courses offered in Years 9-13).

This booklet includes the latest available information supplied by the New Zealand Qualifications Authority. Some course descriptions may be updated before the start of the 2019 school year. We will inform parents and students if significant changes are to be made.

Introduction

Many points need to be considered before you finalise your choices for 2019 and beyond. Some important considerations are:

- If you are wishing to proceed to tertiary education then you need to take into account the following: your level of ability, range of interests and possible career choice as well as the entry requirements of the various institutions. The Transition Department has details of all the requirements of these institutions.
- If entering the workforce is your goal, it is likely that through your working life you will have several jobs, so include a broad range of subjects.
- Employers are also looking for particular skills, some of these are: -
 - ❑ Basic skills and accuracy in numeracy, spelling, writing and punctuation.
 - ❑ Communication and listening skills.
 - ❑ Motivation, perseverance and discipline.
 - ❑ A willingness to continue learning and training, once in employment.
- Entry in a course is regarded as a commitment by the student to complete all classwork, fulfill course requirements and enter the external assessment tasks of that subject.
- You may not study the same subject at more than one level in the same year.
- Pre-requisites are the standards required to have been reached before entry to a subject is permitted. Adult students may be exempt from pre-requisites. *In a limited number of cases*, entry *may* be granted into a subject where the pre-requisite has not been met. Only a Dean can make this decision but it cannot be made until the teacher in charge of the subject has been consulted.

- If numbers are too low for a particular subject (class), that subject (class) may be cancelled or combined with the same subject at another level. This could result in fewer credits being offered or students being asked to choose another subject.
- Ask for advice from your teachers, deans, parents, counsellors, transition teachers, prospective employers and older students.
- If you are considering study as an adult or part-time student contact Mrs Bubb.

Studying by Correspondence or Online Learning (Video Conferencing)

A *very limited number* of students who wish to study a subject not offered at College, may be able to enter subjects through the Correspondence School or by using Online Learning. See Mrs Clough **for queries about Correspondence School** and Mrs Williams **for queries about Online Learning**.

Online studying (e.g. correspondence, video conferencing) requires students to be motivated and independent learners. They have to be able to cope with online learning including emailing and navigating online environments set up by teachers.

Contributions

A summary of anticipated contributions is included with the course descriptions and for your information:

- There are courses of study that require supplementary materials to enhance the programme and provide quality learning experiences for your child.
- There are courses of study where we supply students with supplementary materials in place of stationery, which would otherwise have to be provided by parents/caregivers. Such supplementary materials are designed to ensure students have more time in class to complete the programme.
- In 2018 the annual NCEA fee was \$76.70. Students pay this to have their results recorded on their record of achievement and for the awarding of qualifications. Financial Assistance may be available and the cost is reduced in this instance.

Unit and Achievement Standards – the difference.

Students may be studying unit standards, achievement standards or a mixture of both.

Unit standards (US) are all assessed within the school and students either achieve or not achieve. These are being phased out unless they are an ITO standard.

Achievement standards (AS) can be assessed by 3 processes -

- within the school
- checked by sending work away to be moderated
- external examinations at the end of the year

Students can receive the following grades: Not Achieved, Achieved, Merit, or Excellence.

Each standard passed will earn credits that count towards NCEA.

NCEA Certificate endorsement

This is aimed at recognising students who have performed to a high level. Students are eligible to receive the following endorsements:-

- Endorsement with Merit
For a certificate to be endorsed with Merit, 50 credits at Merit or Excellence will be required at the same level, or higher, on the National Qualifications Framework (NQF) as the certificate being awarded.
- Endorsement with Excellence
For a certificate to be endorsed with Excellence, 50 credits at Excellence will be required at the same level, or higher, on the National Qualifications Framework (NQF) as the certificate being awarded.

Notes for Year 11 Students

- It is compulsory that you undertake a course in English, Mathematics and Science.
- To receive *NCEA (Level 1)* a student must achieve 80 credits and at least 10 must be from Numeracy Standards and at least 10 must be from Literacy Standards. It is possible to achieve these credits from subjects other than Mathematics and English, ask your Dean for details.
- In choosing your three other subjects you should aim for a balanced subject choice. Deans will be counselling students whose subject choice is too narrow.
- *In a limited number of cases*, entry may be granted to a subject where the pre-requisite has not been met. Only a Dean can make this decision and only after consultation with the teacher in charge of the subject.
- In some cases students may be asked to reconsider their choices to ensure a better coverage of the learning areas (see below):

The New Zealand Curriculum Statement specifies eight learning areas that describe in broad terms the knowledge and understanding that all students need to acquire. They are:

Arts	English	Health and Physical Education	Learning Languages
Mathematics and Statistics	Science	Social Science	Technology

Notes for Year 12 Students

- You may study subjects at *NCEA Level 1* and *Level 2*.
- You must take a course in English. This can be met by a course in *NCEA Level 1* or *NCEA Level 2* English.
- To receive *NCEA Level 2* a student must achieve 60 credits from Level 2 or higher and another 20 from any other level.
- All Year 12 students take part in a year-long programme, within ako time, designed to give them information and skills to assist them in their life beyond school. Topics include career planning, CV preparation, finance and life skills.

- If you intend to take *NCEA Level 3 or 4* subjects in 2019 you should check the prerequisites for those subjects.
- *In a limited number of cases*, entry may be granted to a subject where the pre-requisite has not been met. Only a Dean can make this decision and only after consultation with the teacher in charge of the subject.

Notes for Years 13 & 14 Students

- You may study subjects at *NCEA Level 1, Level 2 or Level 3*.
- Students who wish to enrol in six subjects at *Level 3* must apply directly to the Head of School or Deputy Principal.
- All students are expected to attend ako time. Individual assistance and information is also available for students making career choices, with access to liaison and information visits.
- English is not compulsory in Year 13 provided you have met the Literacy requirements to gain entry into university level courses (at university or polytechnic). Students must have gained 10 literacy credits at *Level 2*, five in writing and five in reading. See the Transition Department or a Head of School if you are not sure if you have achieved this standard.
- The minimum standard for entry into a university in New Zealand is as follows: -
 - ❑ A minimum of 42 credits at Level 3 or higher, including a minimum of 14 credits at *Level 3* or higher in each of three subjects from an [approved subject list](#) found on the NCEA website.
 - ❑ NCEA Level 3
 - ❑ A minimum of 10 credits at *Level 2* or higher in Literacy or Te Reo Maori; 5 credits must be in reading and 5 credits must be in writing. The literacy credits will be selected from a schedule of approved achievement and unit standards.
 - ❑ A minimum of 10 credits at *Level 1* or higher in Mathematics or Pangarau.

- The approved subject list is:

Accounting	Agriculture & Horticulture	Biology
Business Studies	Calculus	Chemistry
Classical Studies	Design & Visual Communication	Digital Technologies
Drama	Economics	English
Geography	German	History
History of Art	Home Economics	Japanese
Mathematics	Music Studies	Painting (Practical Art)
Photography (Practical Art)	Physical Education	Physics
Processing Technologies	Science	Statistics
Technology	Te Reo Rangatira or Te Reo Maori	

- To receive *NCEA Level 3* a student must achieve 60 credits from Level 3 and 20 from any other level.
- If you intend to go to University or Polytechnic you should check any course pre-requisites with the Transition Department.
- *In a limited number of cases*, entry may be granted to a subject where the pre-requisite has not been met. Only a Dean can make this decision and only after consultation with the teacher in charge of the subject.
- The General Entry Standard is 40 *Level 2* credits. Students who have achieved less than 40 credits at the start of the academic year will be required to either achieve some more Level 2 credits to make up to 40, or continue with Year 12 subjects.
- It is possible to enter for Scholarship but only after consultation with the subject teacher and the Head of Department of the subject area concerned. Not all subjects offer Scholarship, below is the list of subjects that are available at College that **may** offer Scholarship in 2019.

Accounting	Agriculture & Horticulture Science	Art History	Biology	Calculus
Chemistry	Classical Studies	Design & Visual Communication	Drama	Economics
English	Geography	German	History	Music
Physics	Physical Education	Samoan	Statistics	Technology
Visual Arts – Painting	Visual Arts - Photography		Te Reo Maori	

- ***Success in Scholarship examinations will not gain you entry into university (but may help you progress into higher level study within a subject). Only the Level 3 criteria mentioned previously will accomplish this.***

Changes to University Entrance and Admission.

Gaining the current University Entrance qualification entitles the student to enter the University system in New Zealand, but it does not guarantee the student a place in their chosen course or even their chosen University.

Caps on funding Universities by the Government has reduced their ability to expand and forced them into changing their entry systems to cope with the increased demand and competition for places.

Auckland University, which has been running this system for a few years now, has been joined by the other major Universities, Victoria, Canterbury and Otago, in ranking students primarily on the basis of academic merit (*NCEA Level 3* results) to fill the available places in the courses of study offered. Recent research suggests that students who enter the University system with only the minimum 42 credits have only a 50% chance of finishing a degree.

Students who gain University Entrance (UE) through the NCEA examinations and meet the Guaranteed Entry Score (GES) or Preferential Entry as it is called at Otago, will be able to enrol in the course of their choice. Other students who gain UE but do not achieve the Guaranteed Entry Score will be wait-listed according to their score and will be offered a place in a programme if there are sufficient places. This is called Competitive Entry.

The GES required at Victoria and Canterbury in all courses is 120 points, Otago is 140 points, while Auckland is even more competitive with scores ranging from 140 up to 240 depending on the programme of study. This equates to a minimum of gaining 60 Achieved level credits over five subjects at *Level 3* or fewer credits but at higher levels of achievement – Merits or Excellences, to reach the threshold.

Students with *UE* and the *GES* will have more certainty regarding their enrolment and assurance that their place in a Hall of Residence is guaranteed. Other students may have to wait until the University completes their overall planning and reconciles its finances before being offered a place.

It is therefore imperative that students do their absolute best in Year 13 (*Level 3* subjects) to achieve the best possible grades in all assessments opportunities if they are to ensure entry into their chosen courses.

Note 1 : Unit standard credits cannot be used.

2 : Year 13 subjects which are not on the University Approved list do not count at all for the GES.

How to calculate an entry score

An entry score will be calculated using a student's 80 best credits in up to five University Entrance subjects taken at Level 3 or above (including both achievement standards and unit standards) and studied during the Year 12 or Year 13 year.

No more than 24 credits in any subject can be used in the entry score calculation. Credits will be weighted according to the level of attainment.

If a student achieves fewer than 80 credits at Level 3 or above in up to five University Entrance subjects, the entry score will be based on the credits achieved.

An entry score will be calculated by awarding points as follows:

Excellence 4 points

Merit 3 points

Achieved 2 points

An example of an entry score for an NCEA Level 3 student.

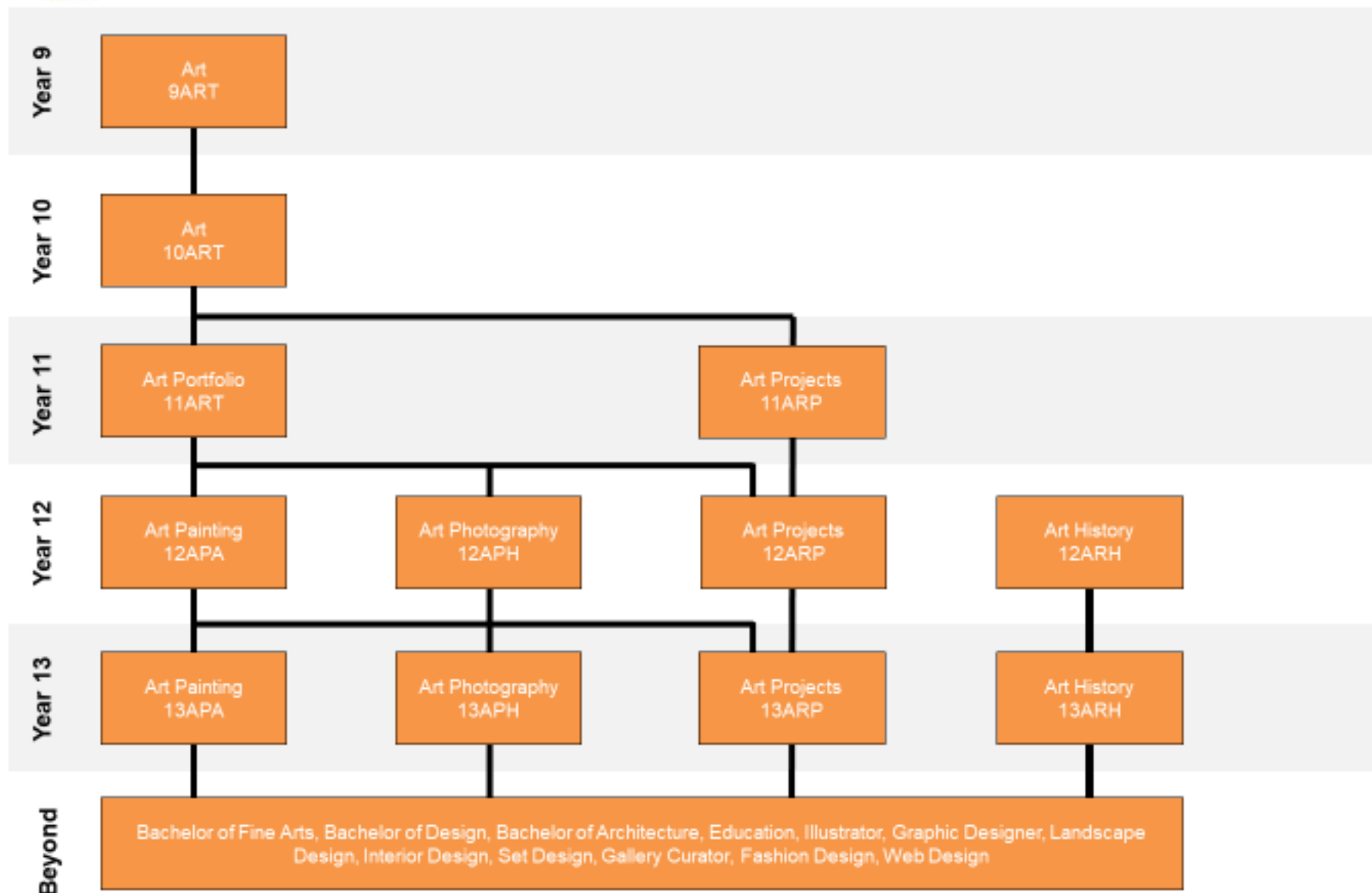
Approved subject	Excellence credits	Merit credits	Achieved credits
(best 24 credits per subject)			
English	3	4	9
Physics	3	-	12
Biology	-	3	18
Chemistry	-	-	16
Statistics and Modelling	2	3	10
Subtotals	8	10	65 (making a total of 83 credits)
Best 80 credits	8	10	62 (to make up the 80 credits)
Calculate points	32 points (8x4)	30 points (10x3)	124 points (62x2)
Entry Score: 186			

Note: Excellence and Merit credits are counted first, then Achieved credits as required to a maximum of 80 credits



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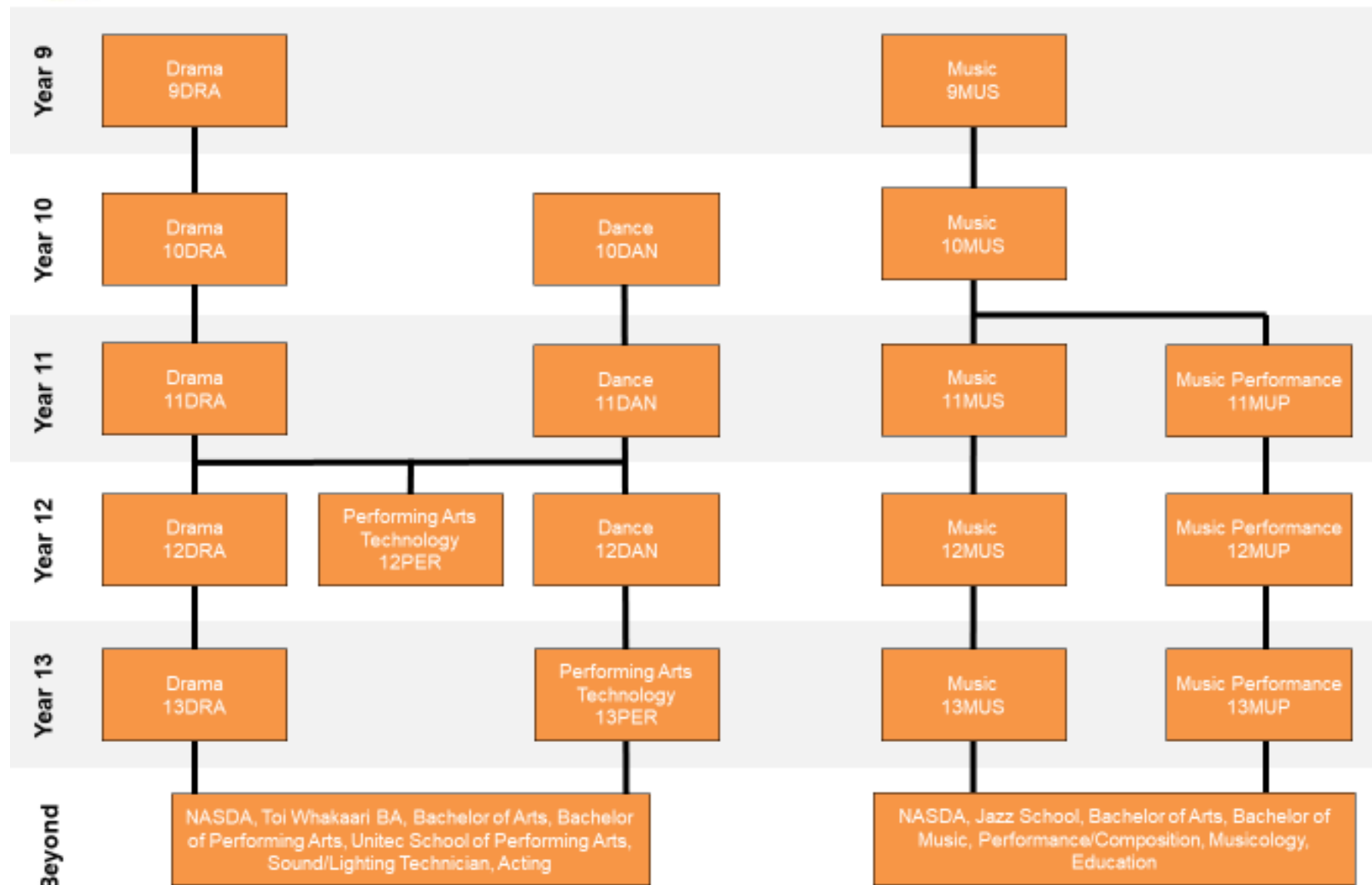
Course Options in Art





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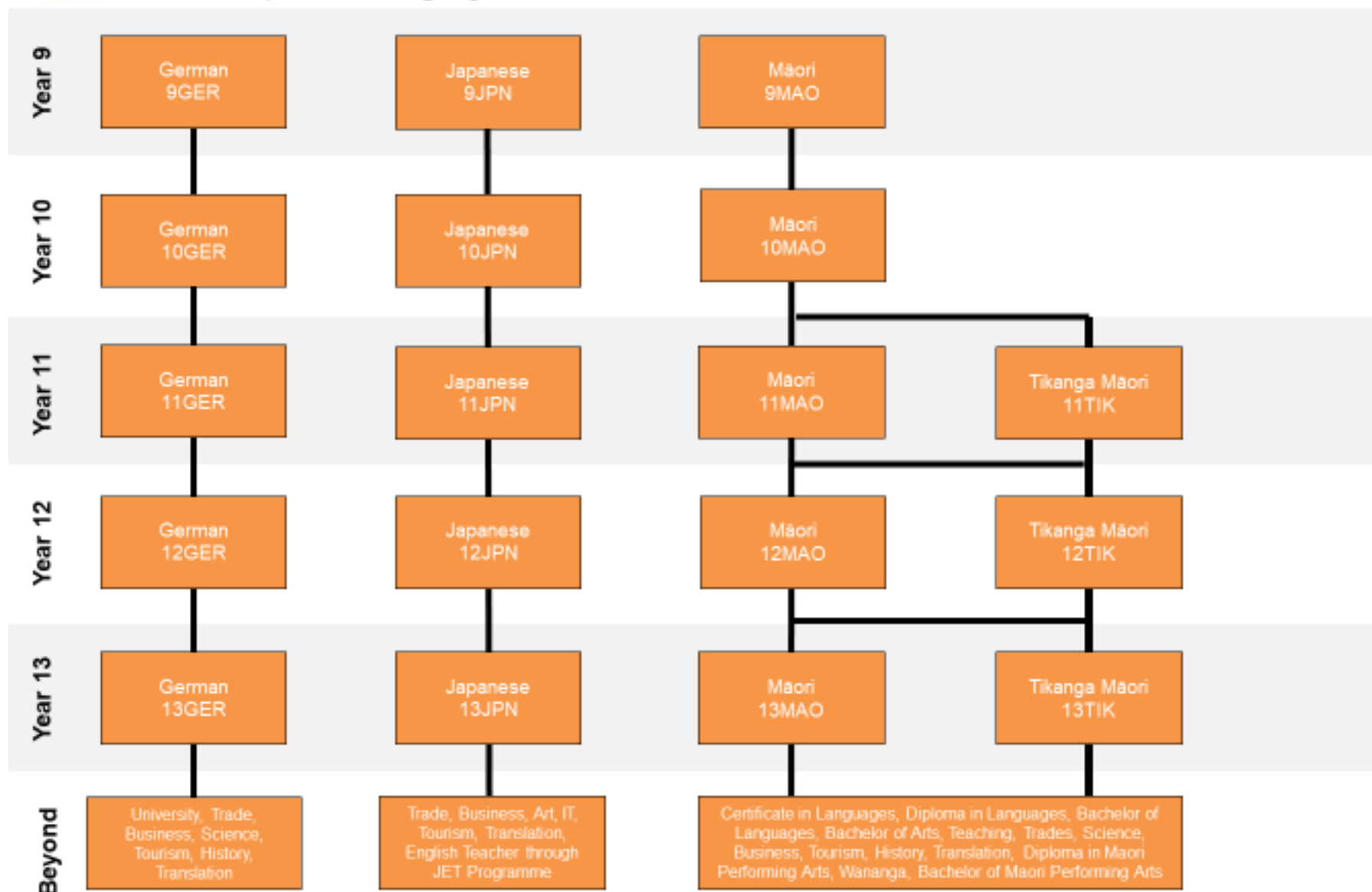
Course Options in Drama, Dance and Music





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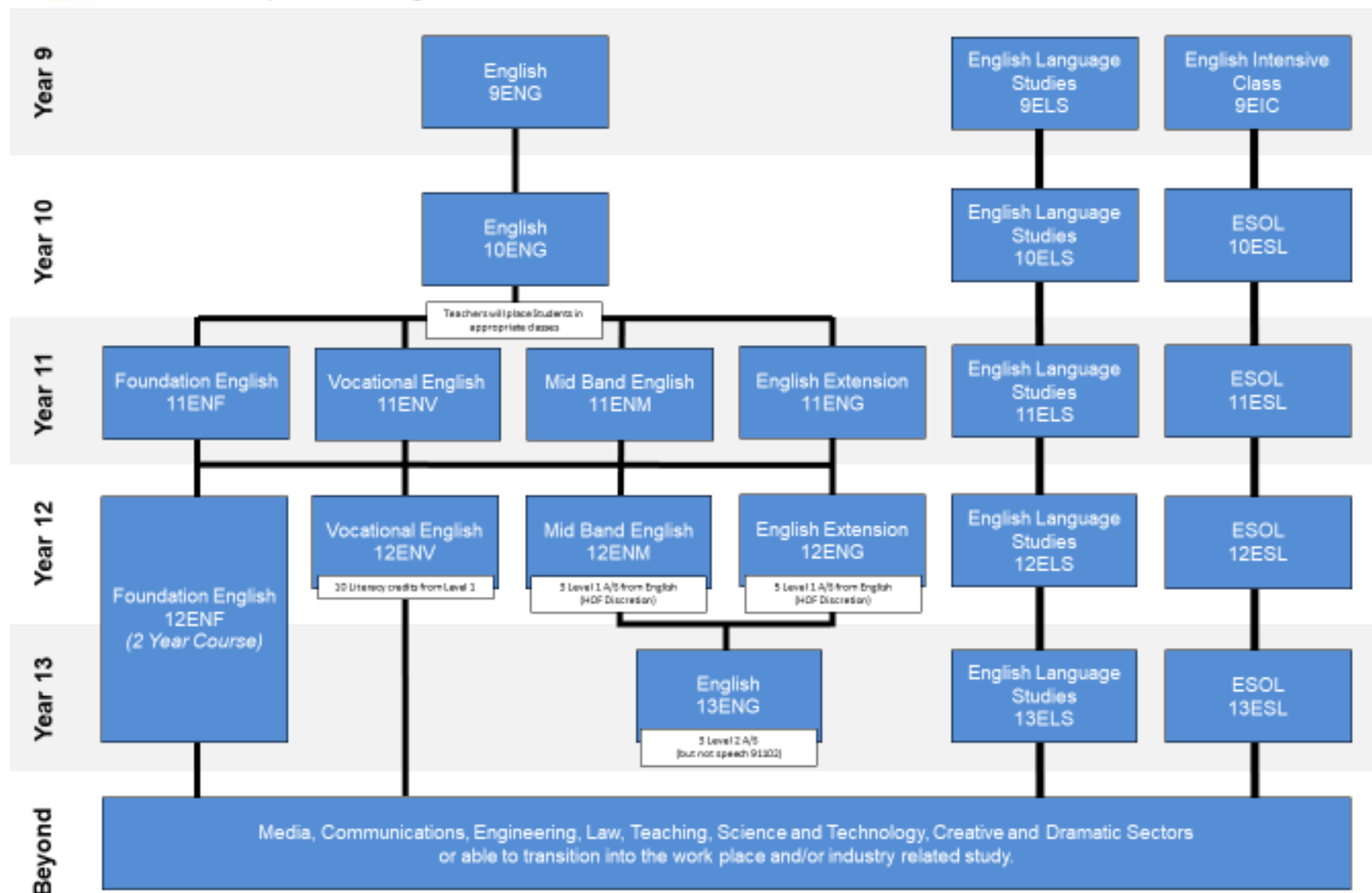
Course Options in Languages





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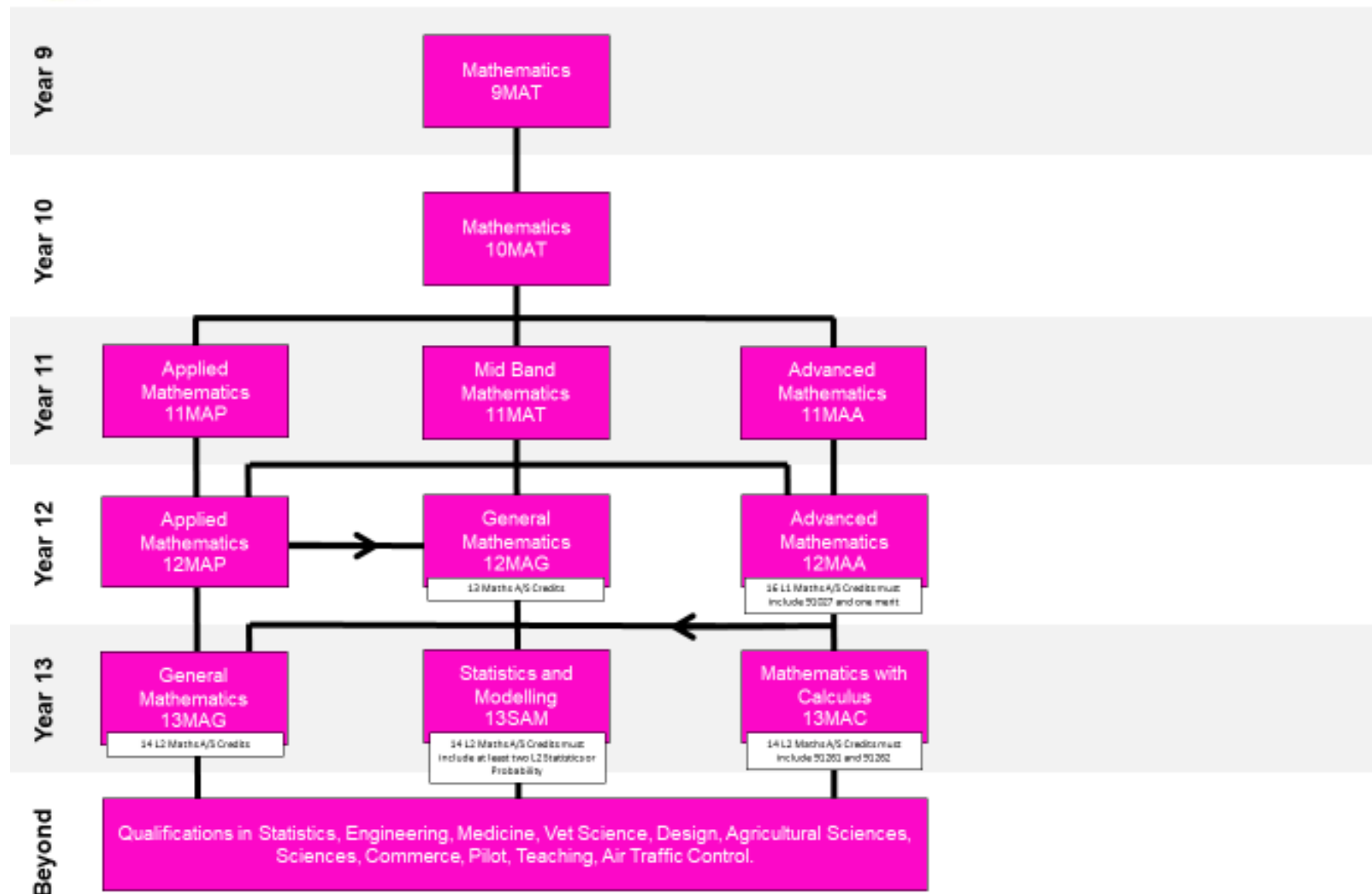
Course Options in English





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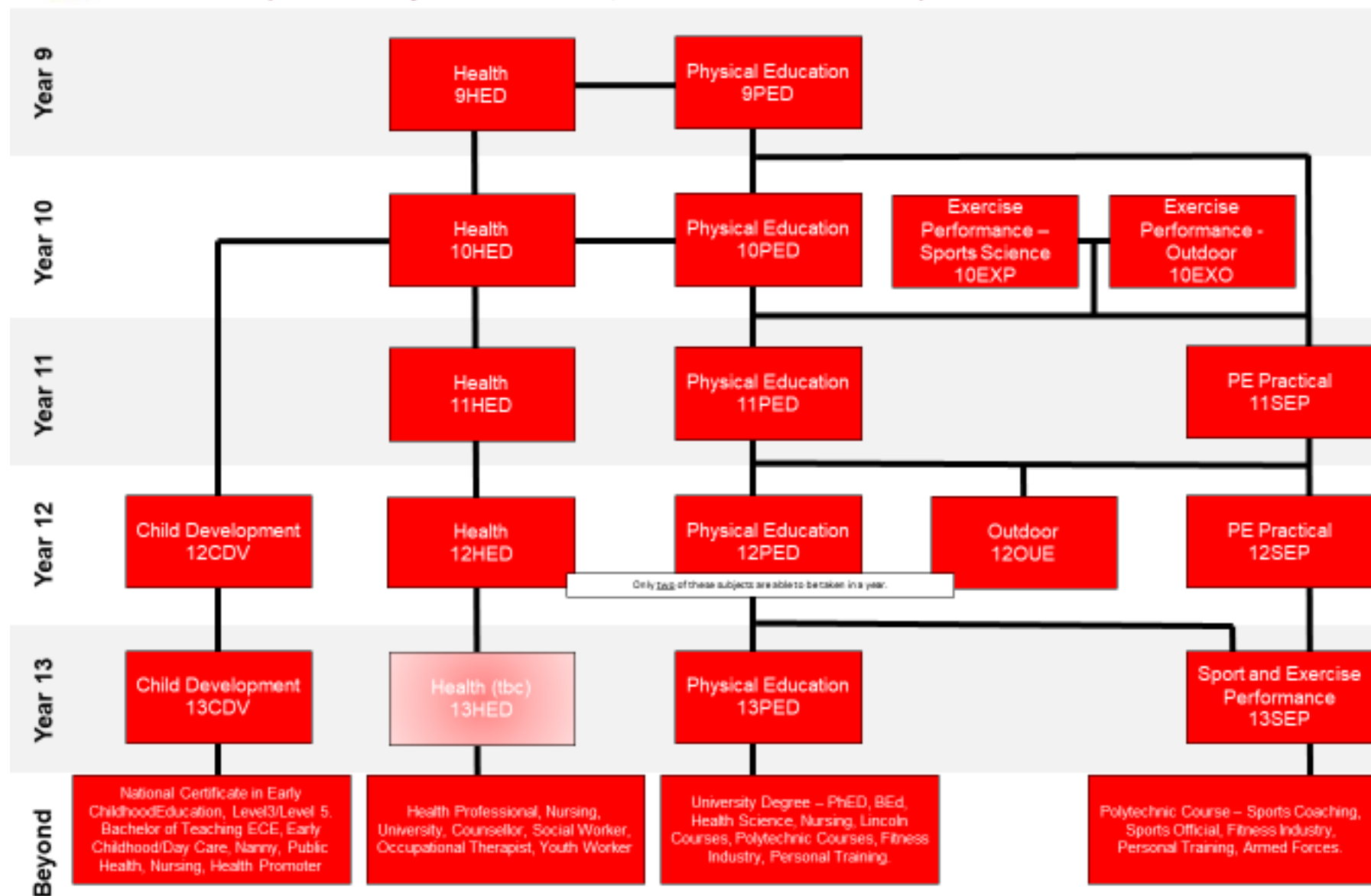
Course Options in Mathematics





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Course Options in Physical Education, Health and Child Development





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Course Options in Science

Year 9

Science
9SCI

Year 10

Science
10SCI

Year 11

Science
11SCI

Year 12

Biology
12BIO

Chemistry
12CHE

Physics
12PHY

Science
12SCI

Year 13

Biology
13BIO

Chemistry
13CHE

Physics
13PHY

Science
13SCI

Beyond

Biotechnology Doctor,
Dentist, Ecologist,
Microbiology, Marine
Biology, Vet

Biochemist, Cosmetic
Designer, Forensics,
Pharmacist, Pathologist,
Radiologist, Medical Lab
Technician

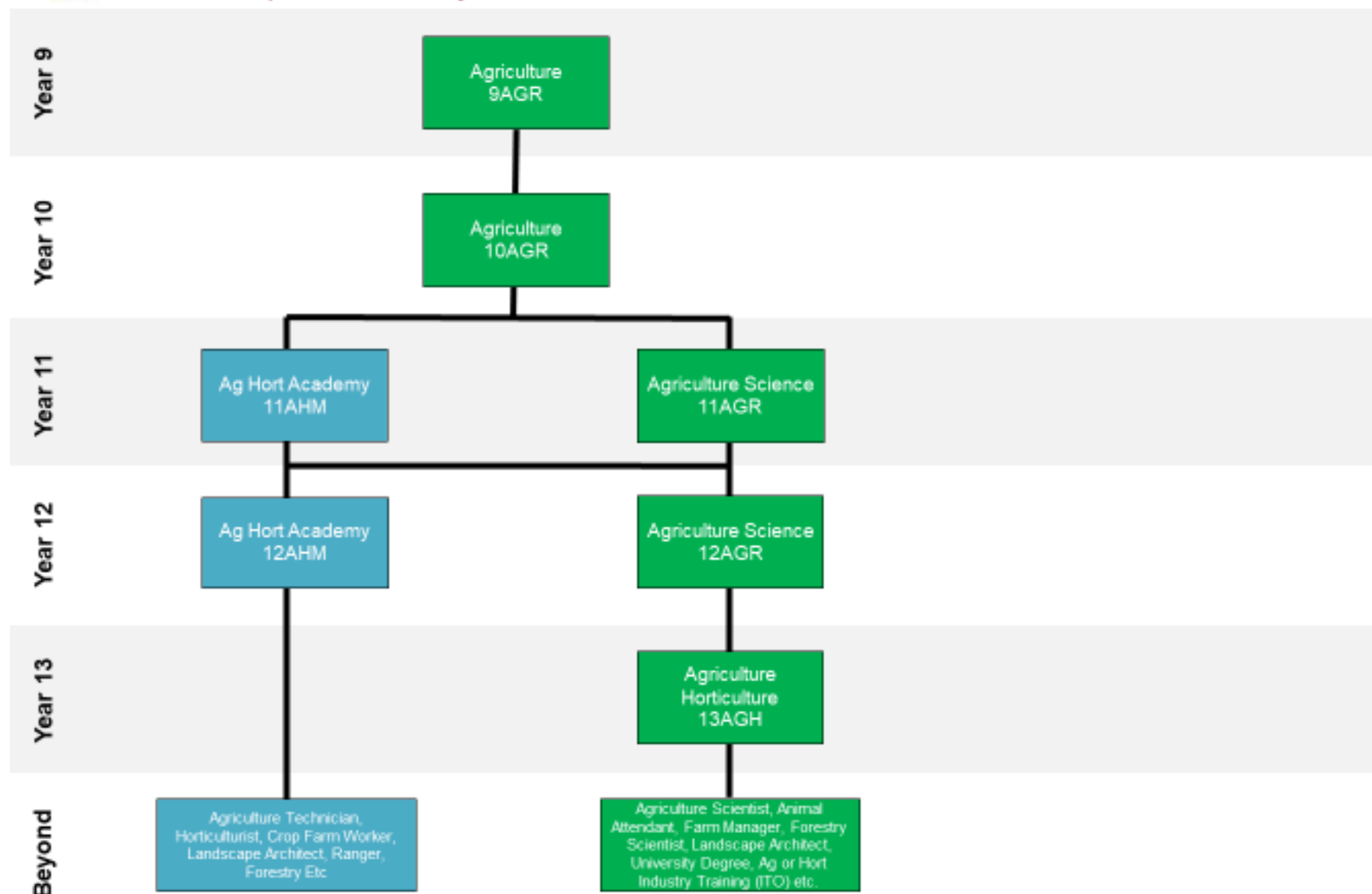
Architect, Civil/Food
Engineer, Geoscientist,
Prosthetics, Draftsman,
Electrician

Lab technician,
Environmental Scientist,
Food Technologist, Vet
nurse



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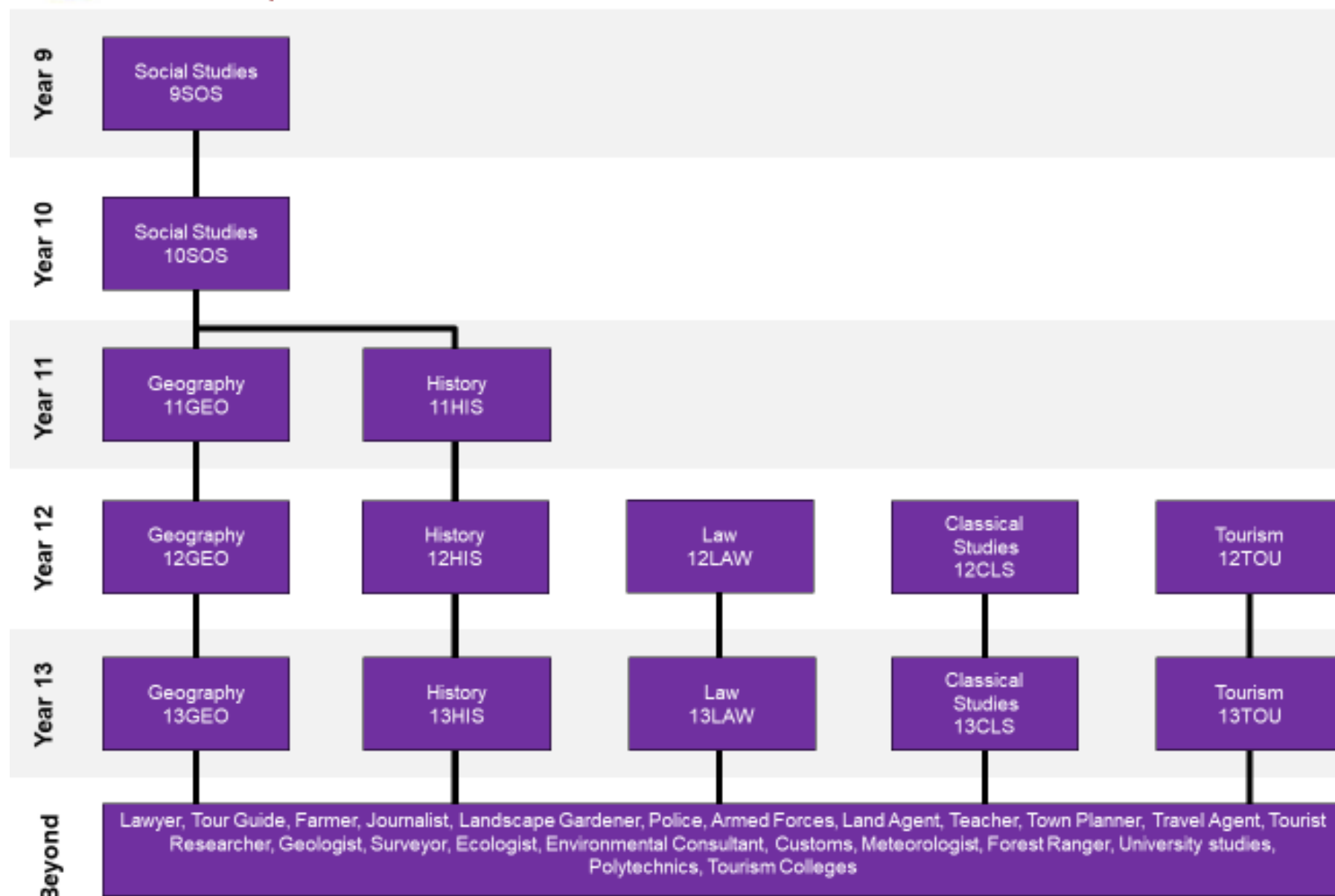
Course Options in Primary Industries





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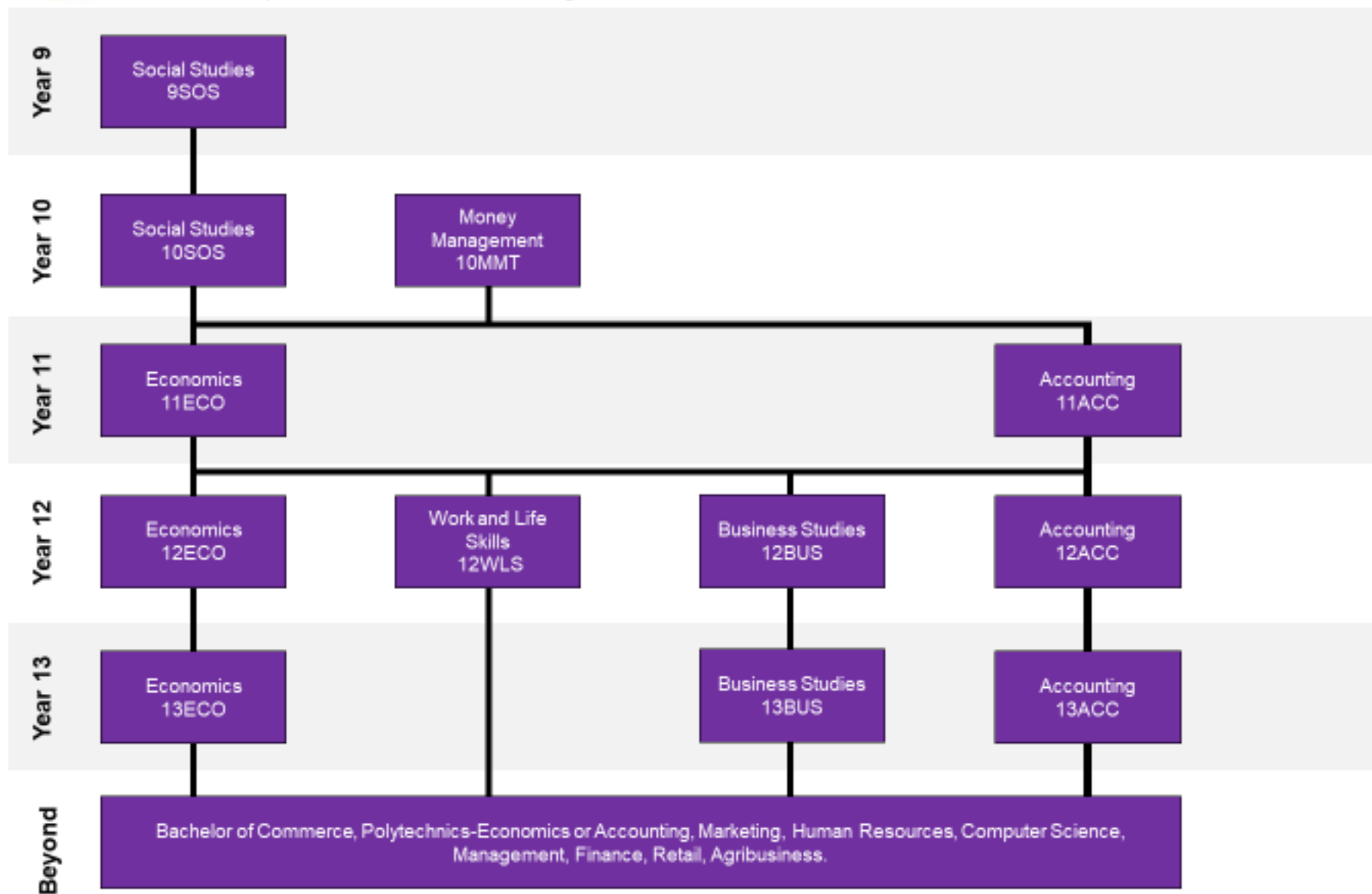
Course Options in Social Science





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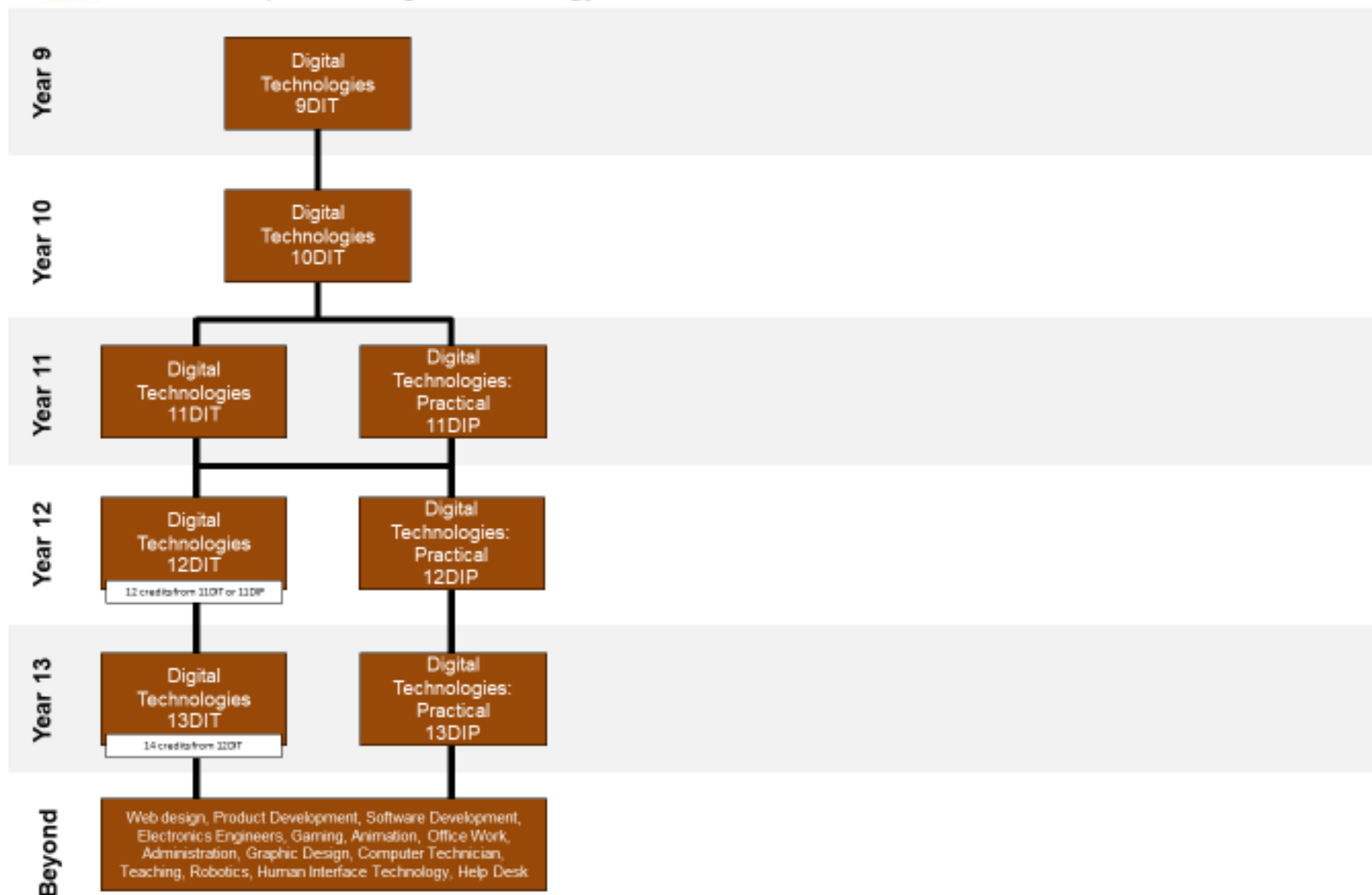
Course Options in Business Management





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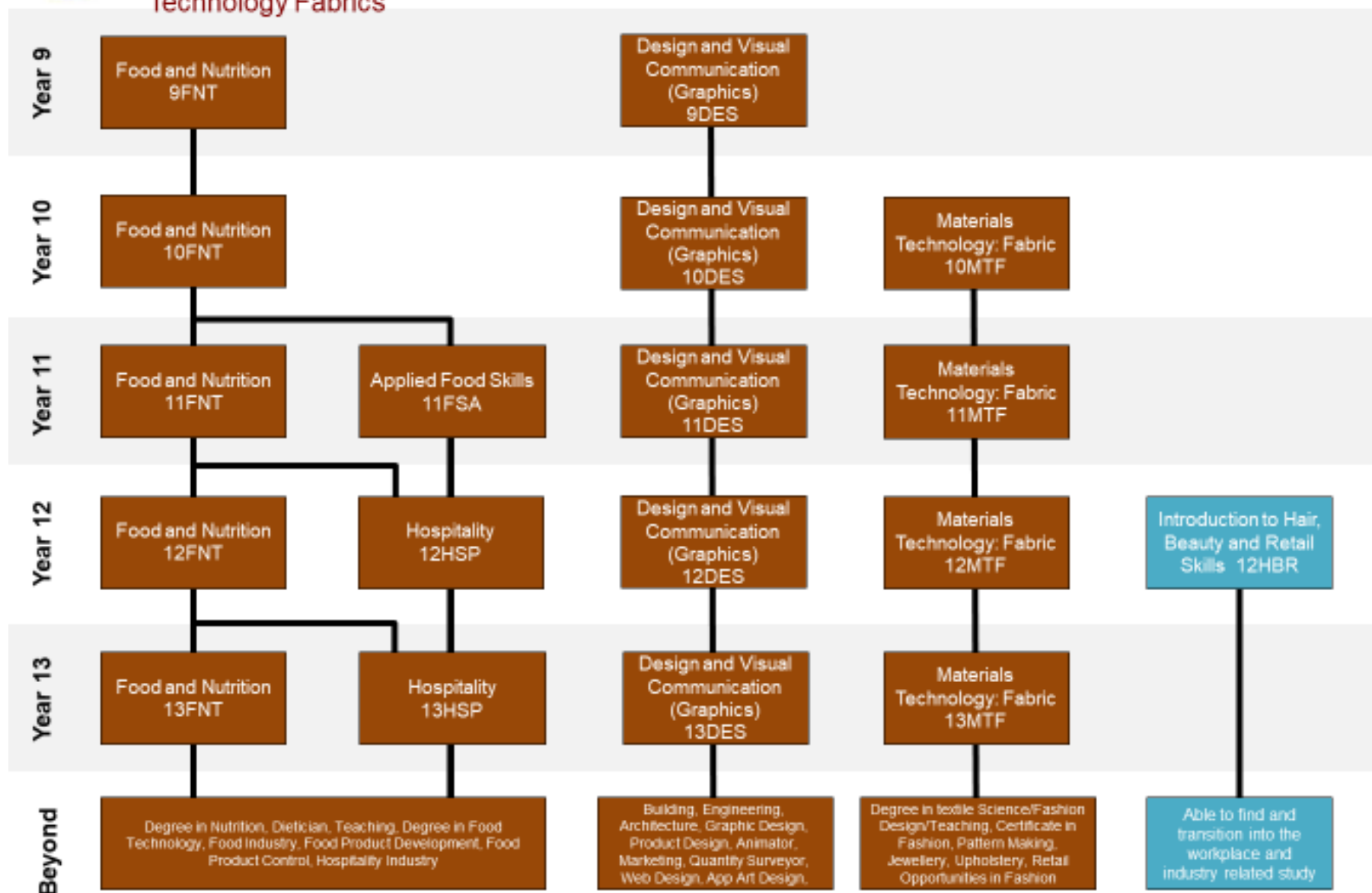
Course Options in Digital Technology





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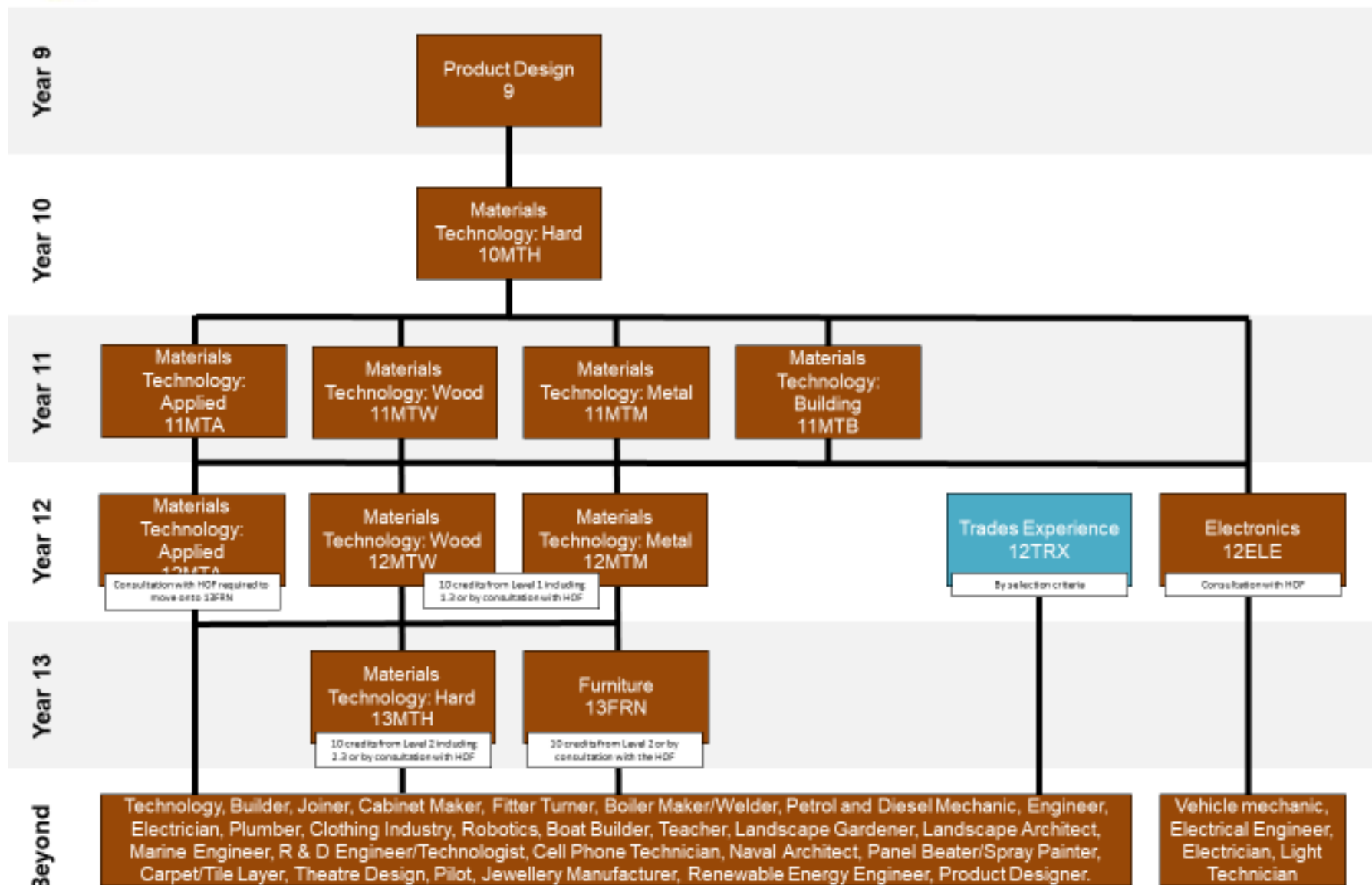
Course Options in Food and Nutrition, Hospitality, Design and Visual Communication, Materials Technology Fabrics





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Course Options in Materials Technology





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Course Options in Vocational Options

Year 9

Year 10

Year 11

Year 12

Year 13

Beyond

AgHort Academy
11AHM

Foundation Studies
11FST

AgHort Academy
12AHM

Introduction to Hair,
Beauty and Retail
Skills 12HBR

Introduction to
Automotive Skills
12AUT

Trades Experience
12TRX

Gateway
12GTY

Foundation Studies
12FST

Gateway
13GTY

Foundation Studies
13FST

Agricultural Technician,
Horticulturalist, Crop
Farmer, Landscape
Architect, Ranger

Able to find and transition into the workplace and industry related study