

Science degrees, diplomas and certificates

Faculty of Science

Degrees, graduate diplomas and graduate certificates in the Faculty of Science

1. The degrees in the Faculty of Science shall be:

- 1.1 Bachelor of Science (BSc)
 - 1.1.1 which shall also incorporate the streams:
 - 1.1.1.1 Bachelor of Science (Advanced) (BSc(Advanced))
 - 1.1.1.2 Bachelor of Science (Advanced Mathematics) (BSc(Advanced Mathematics))
 - ~~1.1.1.3 Bachelor of Science (Bioinformatics) (BSc(Bioinformatics))~~
 - ~~1.1.1.4 Bachelor of Science (Environmental) (BSc(Environmental))~~
 - 1.1.1.53 Bachelor of Science (Molecular Biology & Genetics) (BSc(Molecular Biology & Genetics))
 - 1.1.1.64 ~~Bachelor of Science (Nutrition) (BSc(Nutrition))~~ Bachelor of Science /Master of Nutrition and Dietetics (BSc/MND)
- 1.2 Bachelor of Medical Science (BMedSc)
- 1.3 Bachelor of Psychology (BPsych)
- 1.4 Bachelor of Science and Technology (BST)
- 1.5 Master of Science (MSc)
- 1.6 Master of Science (Environmental Science) (MSc(EnviroSc))
- 1.7 Master of Science (Microscopy and Microanalysis) (MSc(Micro&An))
- 1.8 Master of Applied Science (MApplSc)
 - 1.8.1 which shall also incorporate the streams:
 - 1.8.1.1 Master of Applied Science (Bioinformatics) (MApplSc(Bioinf))
 - 1.8.1.2 Master of Applied Science (Coastal Management) (MApplSc(CoastalMgt))
 - 1.8.1.3 Master of Applied Science (Environmental Science) (MApplSc(EnvSc))
 - 1.8.1.4 Master of Applied Science (Health Psychology) (MApplSc(HealthPsych))
 - 1.8.1.5 Master of Applied Science (Microscopy and Microanalysis) (MApplSc (Microsc & Micronal))
 - 1.8.1.6 Master of Applied Science (Molecular Biotechnology) (MApplSc(MBT))
 - ~~1.8.1.7 Master of Applied Science (Neuroscience) (MApplSc(NeuroSc))~~
 - 1.8.1.87 Master of Applied Science (Photonics) (MApplSc(Photonics))
 - 1.8.1.98 Master of Applied Science (Psychology of Coaching) (MApplSc(PsychCoach))
 - 1.8.1.409 Master of Applied Science (Spatial Information Science) (MApplSc(SIS))
 - 1.8.1.140 Master of Applied Science (Wildlife Health and Population Management) (MApplSc(Wild Hlth Pop Man))
- 1.9 Master of Nutrition and Dietetics (M NutrDiet)
- ~~1.10 Master of Nutritional Science (MNutrSc)~~
- 1.140 Master of Psychology (MPsych)
- 1.121 Master of Environmental Science and Law (MEnvSciLaw)
- 1.132 Master of Medical Physics (MMedPhys)
- 1.143 Master of Bioethics (MBEth)
- 1.154 Master of Bioethics (Honours) (MBEth)(Hon)
- 1.165 Master of Applied Nuclear Science (MApplNucSci)
- 1.176 Master of Photonics and Optical Science (MPhotOptSci)
- 1.187 Doctor of Philosophy (PhD)
- 1.198 Doctor of Science (DSc)
- 1.2019 Doctor of Clinical Psychology/Master of Science (DCP/MSc)
- 1.240 Doctor of Clinical Psychology/Doctor of Philosophy (DCP/PhD)
- 1.221 Doctor of Clinical Neuropsychology/Master of Science (DCN/MSc)
- 1.232 Doctor of Clinical Neuropsychology/Doctor of Philosophy (DCN/PhD)

2. The combined degrees in the Faculty of Science shall be:

- 2.1 Bachelor of Science and Bachelor of Laws (BSc/LLB)

- ~~2.2 Bachelor of Applied Science (Exercise and Sport Science)/Bachelor of Science (Nutrition)~~
- 2.32 Bachelor of Science and Bachelor of Arts (BSc/BA)
- 2.43 Bachelor of Engineering and Bachelor of Science (BE/BSc)
- 2.54 Bachelor of Science and Bachelor of Commerce (BSc/Bcom)
- 2.65 Bachelor of Nursing and Bachelor of Science (BN/BSc)
- 2.76 Bachelor of Education (Secondary:Science) and Bachelor of Science (BEd(Secondary:Science)/BSc)
- 2.87 Bachelor of Education (Secondary:Mathematics) and Bachelor of Science (BEd(Secondary:Mathematics)/BSc)
- ~~2.9 Bachelor of Education (Secondary:Science) and Bachelor of Science (BEd(Secondary)/BSc(Psychology))~~
- 2.408 Bachelor of Engineering and Bachelor of Medical Science (BE/BMedSc)
- 2.449 Bachelor of Science (Advanced)/MBBS (BSc(Adv)/MBBS)
- 2.120 Bachelor of Medical Science/MBBS (BMedSc/MBBS)

3. The degrees in the Faculty of Science offered in conjunction with other faculties shall be:

- ~~3.1 Bachelor of Liberal Studies (BLibStud) which shall also incorporate the streams:~~
 - ~~3.1.1 Bachelor of Liberal Studies (Advanced) (BLibStud(Advanced))~~
 - ~~3.2 Bachelor of Liberal Studies (International) (BLibStud(International))~~
- ~~3.3 Bachelor of Arts and Sciences (BAS)~~
- 3.1 Bachelor of Liberal Arts and Sciences

4. The diplomas in the Faculty of Science shall be:

- 4.1 Graduate Diploma in Science (GradDipSc)
- 4.2 Graduate Diploma in Science (Microscopy and Microanalysis) (GradDipSc(Micr&An))
- 4.3 Graduate Diploma in Science (Psychology) (GradDipSc(Psych))
- 4.4 Graduate Diploma in Applied Science (GradDipApplSc)
 - 4.4.1 which shall also incorporate the streams:
 - 4.4.1.1 Graduate Diploma in Applied Science (Bioinformatics) (GradDipApplSc(Bioinf))
 - 4.4.1.2 Graduate Diploma in Applied Science (Coastal Management) (GradDipApplSc(CoastalMgt))
 - 4.4.1.3 Graduate Diploma in Applied Science (Environmental Science) (GradDipApplSc(EnvSc))
 - 4.4.1.4 Graduate Diploma in Applied Science (Health Psychology) (GradDipApplSc(HealthPsych))
 - 4.4.1.5 Graduate Diploma in Applied Science (Microscopy and Microanalysis) (GradDipApplSc(Microsc&Micronal))
 - 4.4.1.6 Graduate Diploma in Applied Science (Molecular Biotechnology) (GradDipAppSc(MBT))
 - 4.4.1.7 Graduate Diploma in Applied Science (Neuroscience) (GradDipApplSc(Neuroscience))
 - 4.4.1.8 Graduate Diploma in Applied Science (Psychology of Coaching) (GradDipApplSc(PsychCoach))
 - 4.4.1.9 Graduate Diploma in Applied Science (Spatial Information Science) (GradDipApplSc(SIS))
 - 4.4.1.10 Graduate Diploma in Applied Science (Wildlife Health and Population Management) (GradDipApplSc(Wild Hlth Pop Man))
- 4.5 Graduate Diploma in Psychology (GradDipPsych)
- 4.6 Graduate Diploma in Medical Physics (GradDipMedPhys)
- 4.7 Graduate Diploma in Bioethics (GradDipBEth)
- 4.8 Graduate Diploma in Applied Nuclear Science (GradDipAppNucSci)
- 4.9 Graduate Diploma in Photonics and Optical Science (GradDipPhoOptSci)

5. The certificates in the Faculty of Science shall be:

- 5.1 Graduate Certificate in Science (History and Philosophy in Science) (GradCert(HPS))
- 5.2 Graduate Certificate in Science (Microscopy & Microanalysis) (GradCertSC(Micr&An))



- 5.3 Graduate Certificate in Applied Science (GradCertAppIsc)
- 5.3.1 which shall also incorporate the streams:
 - 5.3.1.1 Graduate Certificate in Applied Science (Applied Positive Psychology) (GradCertAppIsc(ApplPosPsych))
 - 5.3.1.2 Graduate Certificate in Applied Science (Bioinformatics) (GradCertAppIsc(Bioinf))
 - 5.3.1.3 Graduate Certificate in Applied Science (Coastal Management) (GradCertAppIsc(CoastalMgt))
 - 5.3.1.4 Graduate Certificate in Applied Science (Environmental Science) (GradCertAppIsc(EnvSc))
 - 5.3.1.5 Graduate Certificate in Applied Science (Health Psychology) (GradCertAppIsc(HealthPsych))
 - 5.3.1.6 Graduate Certificate in Applied Science (Microscopy and Microanalysis) (GradCertAppIsc(Microsc&Micronal))
 - 5.3.1.7 Graduate Certificate in Applied Science (Molecular Biotechnology) (GradCertAppSc(MBT))
 - 5.3.1.8 Graduate Certificate in Applied Science (Neuroscience) (GradCertAppIsc(Neuroscience))
 - 5.3.1.9 Graduate Certificate in Applied Science (Psychology of Coaching) (GradCertAppIsc(PsychCoach))
 - 5.3.1.10 Graduate Certificate in Applied Science (Spatial Information Science) (GradDipAppIsc(SIS))
 - 5.3.1.11 Graduate Certificate in Applied Science (Wildlife Health and Population Management) (GradCertAppIsc(Wild Hlth Pop Man))
- 5.4 Graduate Certificate in Bioethics (GradCertBEth)
- 5.4.1 which shall also incorporate the streams:
 - 5.4.1.1 Graduate Certificate in Bioethics (Biotechnology) (GradCertBEthBTech)
 - 5.4.1.2 Graduate Certificate in Bioethics (Clinical Ethics) (GradCertBEthClinEth)
- 6. The testamur for the Bachelor of Science shall specify the stream for which the degree is being awarded.

BSc-MND Double degree

Bachelor of Science/ Master of Nutrition and Dietetics double degree

A double degree offered by the Faculty of Science

Bachelor of Science and Master of Nutrition and Dietetics

Course Rules

1. Admission

- 1.1 All applicants for admission to candidature to the double degree in the Faculty of Science will be subject to the Undergraduate Admissions policy of the University of Sydney

2. Units of Study

- 2.1 The units of study for the Bachelor of Science degree are set out in Table 1 of the Faculty of Science Handbook.
2.2 The units of study for the Master of Nutrition and Dietetics degree are set out in the Faculty of Science Handbook.

3. Requirements for the double degree

- 3.1 To qualify for the award of Bachelor of Science/ Master of Nutrition and Dietetics a student shall complete 240 units of study in accordance with the resolutions for each of those degrees as set out in the Faculty of Science Handbook and in these resolutions.
3.4 To qualify for the award of the BSc students must complete at least 144 credit points and for the Master of Nutrition and Dietetics the specified 96 credit points.
3.5 In the case of any inconsistency between these resolutions and resolutions for the Bachelor of Science or the Master of Nutrition and Dietetics degree, these resolutions shall prevail to the extent of the inconsistency.

3.6 Bachelor of Science

- 3.6.1 Students shall complete:
3.6.1.1 at least one major from Science subject areas of Biochemistry, Physiology, Microbiology or Psychology included in Table I;
3.6.1.2 at least 12 credit points from the Science subject areas of Mathematics and Statistics including 3 credit points of statistics;
3.6.1.3 at least 12 credit points of Junior units of study from chemistry;
3.6.1.4 at least 6 credit points of Junior units of study from biology;
3.6.1.5 at least 12 credit points from two Science subject areas other than specified above;
3.2.1.6 no more than 60 credit points from Junior units of study.
3.3 A student who is suitably qualified may undertake an Honours year in the Bachelor of Science degree before continuing to the Master of Nutrition and Dietetics degree.

3.4.0 Master of Nutrition and Dietetics

- 3.4 A student shall not proceed to the Master of Nutrition and Dietetics degree until the student has completed all requirements for the Bachelor of Science degree.

4. Satisfactory progress

- 4.1 To maintain satisfactory progress, a student shall maintain a Weighted Average Mark of 60 in the first year of the Bachelor of Science degree and Weighted Average Mark of 65 in subsequent years of the Bachelor of Science degree
4.2 A student who does not maintain the required average shall be transferred from the double degree to the Bachelor of Science degree.
4.3 A student who has not maintained the required average at the completion of the Bachelor of Science degree shall not proceed to the Master of Nutrition and Dietetics. The student shall graduate with the Bachelor of Science degree only.

- 4.4 Satisfactory progress using a WAM calculation is assessed on an annual basis at the conclusion of semester 2 each year.



PG_MNutDiet

Resolutions

Master of Nutrition and Dietetics

Course rules

1. Admission

- 1.1 The Faculty of Science, on the recommendation of the Nutrition Program Committee, may admit to candidature for the degree:
- 1.1.1 graduates of the University of Sydney who have, unless exempted by the Nutrition Program Committee, completed acceptable units of study in Biochemistry and Human Physiology.
- 1.1.2 graduates of other universities who have qualifications equivalent to those specified in 1.1.1, and on such conditions as the Nutrition Program Committee may prescribe.
- ~~1.2 The Master of Nutrition and Dietetics provides training in Nutrition and Dietetics for science graduates who have not completed the degree of Bachelor of Science (Nutrition):~~
- 1.1.3 graduates of the Bachelor of Science degree undertaken as part of the double Bachelor of Science/ Master of Nutrition and Dietetics degree.

2. Units of study

- 2.1 The units of study for the Master of Nutrition and Dietetics are listed in subsection 4.1.
- 2.2 Credit point value, assumed knowledge, corequisites, prerequisites and any special conditions are included in description of units of study associated with this course.
- #### 3. Requirements for the Master of Nutrition and Dietetics
- 3.1 Candidates for the Master of Nutrition and Dietetics are required to complete satisfactorily units of study granting a minimum of 48 credit points selected from the table of units of study in subsection 4.1, in their first year of study.
- 3.2 In the second year of candidature a candidate will:
- 3.2.1 undertake training in the dietetics departments of primary health care settings;
- 3.2.2 complete further units of study as prescribed by the Program Committee in Nutrition and Dietetics; and
- 3.2.3 undertake a project approved by the unit of study coordinator. The results of this project shall be presented for examination in the form of a long essay.

Faculty rules

4. Details of units of study

- 4.1 The units of study for the Master of Nutrition and Dietetics are listed in the following table

Unit of study		Credit points
<i>Year 1, Semester 1</i>		
NTDT5501	Nutritional Science	6
NTDT5502	Food Science	3
NTDT5503	Dietary Intake & Nutritional Assessment	6
NTDT5504	Communications A	3
NTDT5305	Food Service Management	6
<i>Year 1, Semester 2</i>		
NTDT5307	Clinical Nutrition and Dietetics	12
NTDT5308	Community and Public Health Nutrition	10
NTDT5309	Communication	2
<i>Year 2, Semester by arrangement</i>		
NTDT5310	Nutrition Research Project	24

Unit of study		Credit points
NTDT5311	Nutrition Practice	12
NTDT5312	Nutrition & Dietetics Training Placement	12

- 4.2 A candidate for the course shall proceed by completing units of study as prescribed by the Faculty.
- 4.3 A unit of study shall consist of such lectures, seminars, tutorial instruction, essays, exercises, practical work, or project work as may be prescribed.
- 4.4 In these resolutions, 'to complete a unit of study' or any derivative expression means:
- 4.4.1 to attend the lectures and the meetings, if any, for seminars or tutorial instruction;
- 4.4.2 to complete satisfactorily the essays, exercises, practical and project work if any; and
- 4.4.3 to pass any other examination of the unit of study that may apply.
- 4.5 All units of study for a particular subject area may not be available every semester.
- 4.6 A candidate shall complete in the first year of candidature such units of study as described in table 4.1 above.
- 4.7 The Master of Nutrition and Dietetics shall be awarded in two grades, namely Pass and, in the case of an outstanding candidate, Pass with Merit.
- #### 5. Enrolment in more/less than minimum load
- 5.1 A candidate for the Master of Nutrition and Dietetics may proceed on a full-time basis only.
- #### 6. Cross-institutional study
- 6.1 Cross institutional study shall not be available to students enrolled in Master of Nutrition and Dietetics, except where the University of Sydney has a formal Cooperation Agreement with another University.
- #### 7. Restrictions on enrolment
- 7.1 Admission to candidature may be limited by a quota.
- 7.2 In determining the quota, the University will take into account:
- 7.2.1 availability of resources including space, laboratory and computing facilities; and
- 7.2.2 availability of adequate and appropriate supervision.
- 7.3 In considering an application for admission to candidature the Dean shall take account of the quota and will select, in preference, applicants who are most meritorious in terms of subsection 1 above.
- #### 8. Discontinuation of enrolment
- 8.1 A student who does not enrol in any semester without first obtaining written permission from the Dean to suspend candidature will be deemed to have discontinued enrolment in the course.
- 8.2 Students who have discontinued from the course will be required to apply for admission to the course and be subject to admission requirements pertaining at that time.
- #### 9. Suspension of candidature
- 9.1 A student may seek written permission from the Dean to suspend candidature in the course.
- 9.2 Suspension may be granted for a maximum of one year.
- #### 10. Re-enrolment after an absence
- 10.1 A student who plans to re-enrol after a period of suspension must advise the Faculty of Science Office in writing of their intention by no later than the end of October for First Semester of the following year or the end of May for Second Semester of the same year.
- #### 11. Satisfactory progress
- 11.1 Candidates for the Master of Nutrition and Dietetics shall be governed by the rule as follows:
- 11.1.2 A student who has failed a cumulative total of 12cp at any stage of enrolment in the Master of Nutrition and Dietetics



will be required to show good cause why he or she should be allowed to re-enrol and, if good cause has not been established, the student's enrolment will be terminated and the student will not be permitted to re-enrol.

- 11.1.3 Any candidate who fails to complete satisfactorily a clinical training placement unit of study at the second attempt will be deemed to have failed to complete the course requirements and their candidature will be terminated by the Dean.

12. Time limit

- 12.1 A candidate for the degree shall be enrolled full-time and, except with the permission of the Faculty of Science, shall complete the requirements for the degree no later than two years from the date of first enrolment.

13. Assessment policy

- 13.1 On completion of the requirements for the degree, the Faculty shall determine the result of the candidature, on the recommendation of the Nutritional Science Program Committee, acting on a report from the Head of the Human Nutrition unit.

14. Credit transfer policy

- 14.1 Credit is not available in the Master of Nutrition and Dietetics for previous study.