Disaster Risk and Resilience

Programme Options
What is it?

• The University of Canterbury (UC) and Lincoln University (LU) offer this jointly-taught suite of masters degrees, intended to provide an appropriate academic basis for people intending to make a career in the field of disaster risk reduction and resilience.

• This programme supersedes the University of Canterbury masters programme in Hazard and Disaster Management that has run for the last 10 years.
Key Decisions

1. Decide which DRR degree is best for you (UC or LU)
   - Ideally before January

2. Apply to programme BEFORE selecting courses
   - Ideally during January

3. Enrol at University of Canterbury and Lincoln University
   - Select your elective courses

Feel free to ask one of the programme directors for advice or assistance at any stage

Prof Tim Davies (UC)
Assoc Prof Hamish Rennie (LU)

ADD HYPERLINKS
MDRR
Master of Disaster Risk and Resilience
180 points – 1 Year
Hosted by University of Canterbury

PG Dip DRR
Master of Disaster Risk and Resilience
120 points – 1 Year
Hosted by Lincoln University

MApplSc (DRR)
Master of Disaster Risk and Resilience
240 points – 2 Years
Hosted by Lincoln University

MSc (DRR)
Master of Disaster Risk and Resilience
240 points – 2 Years
Hosted by University of Canterbury

Electives
(highly recommended courses)

Core courses

HAZM403
(15 pt)

ERST609
(20 pt)

ERST604
(20 pt)

DRR401
(15 pt)

DRR402
(15 pt)

DRRE691
Dissertation
(60 pt)

DRRE690
Thesis
(120 pt)

Electives
(soft core)

HAZM403
(15 pt)

ERST609
(20 pt)

ERST604
(20 pt)

DRR401
(15 pt)

DRR402
(15 pt)

Core courses
(85 points)

Electives

Dissertation
(20 pt)

Dissertation
(120 pt)

Dissertation
(60 pt)
Master of Disaster Risk and Resilience

MDRR
What is the MDRR?

• The University of Canterbury (UC) and Lincoln University (LU) jointly-offer this jointly-taught Professional Masters programme, intended to provide an appropriate academic basis for people intending to make a career in the field of disaster risk reduction and resilience.

• 120 points of courses (over two semesters) + 60 point dissertation: 1 year of study (UC)

  OR

• 180 points of course (over three semesters): 1.5 years of study (LU)
How is the MDRR structured?

The professional masters programme is 180 points, made up of 120 points of courses and a 60 point dissertation.

**Courses (120 points)**
- **Semester 1**
  - DRR401 (HAZM401) 15 pt
  - ERST609 20 pt
- **Semester 2**
  - DRR402 (HAZM410) 15 pt
  - ERST604 20 pt
  - HAZM403 15 pt
  - Elective 15 pt

**Elective courses can be anything relevant – discuss with your programme director**

**Dissertation (UC: 60 points)**
- DRRE691

**Additional Semester (LU: 60 points)**
- Undertaken after completing courses

**Master of Disaster Risk and Resilience (180 points)**
- Undertaken after completing courses

_Option 1 (12 months)_

_Option 2 (18 months)_
What courses do I take if I’m doing the dissertation?

**Core Courses** *(compulsory)*
- Courses (85 points)
  - DRRE401: Intro to DRR *(UC)*
  - DRRE402: Risk Assessment *(UC)*
  - ERST604: Advanced Planning *(LU)*
  - ERST609: Risk and Resilience *(LU)*
  - HAZM403: Disaster Investigation *(UC)*
- Dissertation: DRRE691 (60 points)

**Elective Courses** *(you choose)*
- Choose a minimum of 35 points
- Can be anything relevant to form a cohesive degree – discuss with your programme director

**TOTAL = 180 Points**
What courses do I take if I’m not doing the dissertation?

• **Core Courses** *(compulsory)*
  • Courses (85 points)
    • DRRE401: Intro to DRR *(UC)*
    • DRRE402: Risk Assessment *(UC)*
    • ERST604: Advanced Planning *(LU)*
    • ERST609: Risk and Resilience *(LU)*
    • HAZM403: Disaster Investigation *(UC)*

• **Elective Courses** *(you choose)*
  • Choose a minimum of 95 points
  • Can be anything relevant to form a cohesive degree – discuss with your programme director

• **TOTAL = 180 Points**
What **Elective Courses** should I choose?

- **If you undertake the dissertation**: you need to choose an additional 35 points made up of approved courses at either UC or LU
- **If you do not undertake the dissertation**: you need to choose an additional 95 points made up of approved courses at either UC or LU

- Highly Recommended courses include:
  - DRRE408: GIS in Disaster Risk and Resilience (UC) – unless you have considerable GIS experience
  - SOCI641: Advanced Society and Environment (LU)
  - MAST603: Mana Kaitiaki (Maori resource management) (LU)
  - ERST624: Advanced professional planning methods and practice (LU)

- However, you can also choose courses which most interest you and help develop the skills for your career. Both UC and LU offer a wide range of options, allowing you to customize your MDRR degree.

- It is often easiest to ask one of the MDRR programme directors for advice, they are happy to help and can provide or direct you to specialist advice
  - Prof Tim Davies (UC), Assoc Prof Hamish Rennie (LU)
  - [ADD HYPERLINKS]
### Some ideas for elective courses

#### Natural Hazards:
- DRRE408: GIS in Disaster Risk and Resilience *(UC: 15 point)*
- GEOL 479 – Active Tectonics and Geomorphology *(1 UC: 5 point)*
- GEOL 476 – Physical Volcanology *(UC: 15 point)*
- GEOL 409 - Coasts and Rivers: from Natural Processes to Urban Environments *(3 UC: 0 point)*
- GEOG 412 – Atmospheric and Cryospheric Environments *(UC: 30 point)*
- ENGE 415 – Engineering Geomorphology and Geohazards *(UC: 15 point)*
- GEOL 473 – Structural Geology *(UC: 15 point)*
- GEOL 478 - Sedimentary Facies and Basin Analysis *(UC: 15 point)*

#### Societal Resilience:
- DRRE408: GIS in Disaster Risk and Resilience *(UC: 15 point)*
- SOCI641: Advanced Society and Environment *(LU: 20 point)*
- MAST603: Mana Kaitiaki (Maori resource management) *(LU: 20 point)*
- ERST624: Advanced professional planning methods and practice *(LU: 20 point)*
- GEOG 401 – Well-Being, Community and Place *(UC: 30 point)*
- GEOG 402 – Resilient Cities *(UC: 30 point)*
- GEOG 404 – Resource and Environmental Management *(UC: 30 point)*
Do I have the prerequisites for my elective course(s)?

• Add text from existing website

• It is important that you have the necessary prerequisites for your elective courses, as you must have the appropriate background.

• The MDRR programme directors will also assist you with checking if you meet the pre-reqs for your elective course.
How do I enrol?

• You need to enrol at BOTH the University of Canterbury and Lincoln University
  • If you are a domestic (New Zealand) student, enrol at least one month before classes start
  • If you are an international student, you will need to enrol 3 to 6 months before classes start as you will need a student visa to enter the country

• This can be a little complicated, because you are applying to two universities and so your enrolment will be processed at both locations. Sorry for the bureaucracy but this was the simplest way to achieve the best degree.

• So we strongly urge you to get in touch directly with one of the programme directors. They will be able to help guide you through the enrolment process, assist with course selection and check that you enough credits.

• The MDRR Programme has an orientation session (~1 hour, in the first week of term) to welcome you to the programme, to check enrolments, and provide you with essential information for the year ahead.

• LINKS TO PROGRAMME DIRECTORS (Hamish and Tim).
  • Also add Tom Wilson and Suzanne Vallance as backups
  • Also add Tracey Robinson
Enrolment Process

1. Decide which DRR degree is best for you (UC or LU)
2. Apply to programme BEFORE selecting courses
   - If unsure, contact a programme director: Prof Tim Davies (UC) or Assoc Prof Hamish Rennie (LU)
3. Enrol at University of Canterbury and Lincoln University
   - Select your elective courses
4. Applicant applies online for MDRR at both UC and LU
5. University of Canterbury: myuc.canterbury.ac.nz
   - Most documents can be added online – a proof of identity will need to be provided
   - If from LU: Contact LU programme director to provide an official transcript to UC
6. Complete checklist online – Link will be emailed to you – to complete UC enrolment
7. Lincoln University: mylinc.nz
   - Most documents can be added online – a proof of identity will need to be provided
   - If from UC: Contact UC programme director to provide an official transcript to LU
8. Complete checklist online through LUCAS – Link will be emailed to you – to complete LU enrolment
9. Make sure you have received a confirmation of enrolment email from both universities – if this does not happen contact programme directors
10. If you are using Studylink
    - Ensure that both LU and UC are added to your studylink application – at my.studylink.govt.nz under application details

Feel free to ask one of the programme directors for advice or assistance at any stage

Prof Tim Davies (UC)
Assoc Prof Hamish Rennie (LU)

ADD HYPERLINKS
Enrolment Tips

• Both Universities will need a copy of your academic transcript to progress your enrolment. If you are already a UC or LU student, make contact with MDRR programme directors, as they can share these between universities without you needing to pay for a printed copy.

• Because you are enrolled in two universities - you will have two IT profiles e.g. two log-ins, two passwords, two email accounts, etc.
  • Email is our primary form of communication with you, so we strongly advise you use one email account and arrange to have all email forwarded from both universities email accounts. This could be one of your University accounts, or another email client, e.g. Gmail. Ask us for advice on how to do this.
Enrolment: What if I’m an international student

• Great! We have a number of international students in the programme

TIPS

• The Immigration New Zealand student visa letter of offer needs to be for both universities

• If you are an international student, we recommend you enrol 3 to 6 months before classes start, as you will need a student visa to enter the country

• If you are an NZ AID student, you need to make contact with both University of Canterbury AND Lincoln University NZ Aid advisors.
These slides might be useful?
Key Decisions

Decide which DRR degree is best for you (UC or LU)  
**Ideally before January**

Apply to programme BEFORE selecting courses

Enrol at University of Canterbury and Lincoln University  
Select your elective courses  
**Ideally during January**

Feel free to ask one of the programme directors for advice or assistance at any stage

Prof Tim Davies (UC)  
Assoc Prof Hamish Rennie (LU)  
[ADD HYPERLINKS]
Application Process for MDRR

Determine which papers at both LU and UC you would like to take. If unsure, contact a programme director: Prof Tim Davies (UC) or Assoc Prof Hamish Rennie (LU).

Applicant applies online for MDRR at both UC and LU

myuc.canterbury.ac.nz and mylinc.nz

Most documents can be added online – a proof of identity will need to be provided (taken into LU). Contact UC staff to provide an official transcript to LU.

Complete checklist online through LUCAS – Link will be emailed to you – to complete LU enrolment.

Make sure you have received a confirmation of enrolment email from both universities – if this does not happen contact programme directors.

Admissions (UC)/Student Support (LU) assess application

Department Post-Graduate convenors (UC + LU) assess application and links with MDRR Academic

MDRR Academic works with/checks with student to ensure appropriate course selection and sufficient credits for degree.

Admissions (UC)/Student Support (LU) processes application

Applicant receives offers

If you are using Studylink ensure that both LU and UC are added to your studylink application – at my.studylink.govt.nz under application details.

Feel free to ask one of the programme directors for advice or assistance at any stage

Prof Tim Davies (UC)
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ADD HYPERLINKS