



Experiential Education: Faculty of Science

What is Experiential Education (EE)?

Experiential Education provides opportunities for students to gain academically relevant experience in a community, research or professional setting. This combination of academic and real world learning helps students to further develop the necessary qualities and skills that will be transferrable to future career paths.

APPLIED PLACEMENT COURSES:

Course Code	Course Title	Required Hours	Submit Form To	Location
BIOLOGY 3EP3	Applied Biology Placement	Min. 60 hours	Course Coordinator, Department of Biology	LSB 215A
CHEM 3EP3	Advanced Chemistry Placement	Min. 60 hours	Department of Chemistry & Chemical Biology	ABB 156
CHEM BIO 3EP3	Advanced Chemical Biology Placement	Min. 60 hours	Department of Chemistry & Chemical Biology	ABB 156
KINESIOL 4EE3	Professional Placement in Kinesiology	Min. 60 hours	Course Coordinator, Department of Kinesiology	IWC 219C
LIFE SCI 2AP3	Life Sciences Academic Placement	Min. 60 hours	Course Coordinator, Life Sciences	BSB 110
LIFE SCI 3EP3	Life Sciences Applied Placement	Min. 60 hours	Course Coordinator, Life Sciences	BSB 110
LIFE SCI 4EP6	Life Sciences Advanced Placement	Min. 120 hours	Course Coordinator, Life Sciences	BSB 110
MATH 3ET3	Math Teaching Placement	Min. 60 hours	Science Career & Cooperative Education	BSB 127
SCIENCE 3EP3	Applied Science Placement	Min. 60 hours	Science Career & Cooperative Education	BSB 127
SCIENCE 3EX6	Applied Science Placement	Min. 120 hours	Science Career & Cooperative Education	BSB 127

RESEARCH PRACTICUM COURSES:

Course Code	Course Title	Required Hours	Submit Form To	Location
BIOLOGY 3IR3	Independent Research Project	8-10 hours per week	Course Coordinator, Department of Biology	LSB 215A
CHEM 3RP3	Research Practicum in Chemistry	Minimum 60 hours	Department of Chemistry & Chemical Biology	ABB 156
CHEM BIO 3RP3	Research Practicum in Chemical Biology	Minimum 60 hours	Department of Chemistry & Chemical Biology	ABB 156
KINESIOL 3RP3	Kinesiology Research Practicum	Minimum 60 hours	Course Coordinator, Department of Kinesiology	IWC 219C
LIFE SCI 3RP3	Life Sciences Research Practicum	Minimum 60 hours	Course Coordinator, Life Sciences	BSB 110
MOL BIOL 3I03	Independent Research Project	8-10 hours per week	Course Coordinator, Department of Biology	LSB 215A
SCIENCE 3RP3	Science Research Practicum	Minimum 60 hours	Science Career & Cooperative Education	BSB 127

**FOR PROGRAM-SPECIFIC EXPERIENTIAL OR INDEPENDENT STUDY COURSE OPTIONS,
CONTACT YOUR PROGRAM/DEPARTMENT OFFICE.**



FAQ's for SCIENCE 3EP3/3EX6 or SCIENCE 3RP3 Courses

If I have already completed an EE course, may I take another?

Normally, students may apply to complete a combination of **ONE** Applied Placement course and **ONE** Research Practicum course, provided the projects are focused on different topics and have different academic and placement supervisors.

What are the requisites for EE courses?

- ✓ Credit or registration in SCIENCE 2C00 (if applying to SCIENCE 3EP3/3EX6)
- ✓ Registration in Level III or above of a program in the Faculty of Science
- ✓ Approval of a completed application form submitted to the course coordinator by the stated deadline.

Can I take an EE course AND complete an Independent Study/Thesis course in the same session?

Students may apply to complete an Applied Placement course, OR a Research Practicum course in addition to an independent study or thesis course, provided the projects are on different topics, and have different supervisors.

Where/how do I find an Academic and/or Placement Supervisor?

While the SCCE is not responsible for finding an Academic or Placement supervisor for students, SCCE staff can provide tips/tools to assist students with the process of securing a supervisor. Students are encouraged to:

- Use their academic or personal networks to make contact with potential supervisors
- Review department websites and the work done by each professor – make a connection to the type of experience they are looking to have

What is a Learning Contract?

The Learning Contract is a required component of the EE application form, in which the student and academic supervisor jointly determine specific learning objectives, methods of evaluation and timelines for completion of work throughout the experience.

What is the difference between SCIENCE 3EP3 and SCIENCE 3EX6?

- **SCIENCE 3EP3: Applied Science Placement**
 - Requires a minimum of 60 hours of placement work, and is worth 3 units of academic credit
 - Academic component should be equivalent to that of a Level III, 3 unit course
 - Can be completed in the Fall, Winter, Spring OR Summer term
- **SCIENCE 3EX6: Applied Science Placement**
 - Requires a minimum of 120 hours of placement work, and is worth 6 units of academic credit
 - Academic component should be equivalent to that of a Level III, 6 unit course
 - Can be completed in the Fall/Winter, OR Spring/Summer term

***For further information, or to submit your SCIENCE 3EP3/3EX6/3RP3 application,
Please contact the SCCE Office:***

Science Career & Cooperative Education (SCCE)

Burke Science Building 127

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