## BOTA90012 Botany Research Project Minor

Level:         9 (Graduate/Postgraduate)           Dates & Locations:         This subject is not offered in 2014.           Time Commitment:         Contact Hours: . Total Time Commitment: This subject is an individual research project and weekly contact hours will vary depending on the nature of the project. Students should discuss this with their supervised to be engaged in their research on an average of forty hours per week or 800 hours for the semester. Students should an a 30 point research project subject would be expected to be engaged in their research on a pro-rate basis.           Prerequisites:         Entry into the MSc (Botany program), or approval from the course coordinator.           Correquisites:         None           None         Recommended           Background Knowledge         None           Correctification of the semantic study and reasonable steps will be made to enhance a student's participation in the University policy to take all reasonable steps will be made to enhance a student's participation in the University's programs. This subject requires all students to actively and safely participate in laboratory activities. Students who feel their disability may impact upon their participation are encouraged to discuss this with the subject coordinator and the Desbility Lision Univ.           Subject Overview:         This subject is the minor research component for the Master of Science – Botany. The research project structional plan biology, marine botany and plant systematics and evolution. The research noleschool of Botany, in the areas of environmental science, molecular biology and biotechnology, functional plan biology. Thereisentresign of laboratory and/or field experiments, raini	Credit Points:	37.50
Dates & Locations:         This subject is not offered in 2014.           Time Commitment:         Contact Hours: . Total Time Commitment: This subject is an individual research project and weekly contact hours will vary depending on the nature of the project. Students should discuss this with their supervisor but as a guide, a student enrolled in a 3D point research project subject would be expected to be engaged in their research on a vorage of forty hours per week or 600 hours for the semester. Students soncelled in a 3D point research subject would be expected to be engaged in their research on a pro-rata basis.           Prerequisites:         Entry into the MSc (Botany program), or approval from the course coordinator.           Corequisites:         None           None         None           Recommended         Background Knowledge:           None         Core Participation           Requirements:         It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. This subject requires all students to actively and safely participate in laboratory activities. Students who feel their disability may impact upon their participation are encouraged to discuss this with the subject coordinator and the Disability Liaison Unit.           Contact:         Email: <u>adwardin@unimetb.du.au</u> (mailto:odwardjn@unimetb.du.au)           Subject Overview:         This subject reviewing scientific literature, is advised and interpretation, and development of writen and oal prevented biology and bintechnology. functional plant biology, m	l evel:	9 (Graduate/Postgraduate)
Time Commitment:         Contact Hours:. Total Time Commitment: This subject is an individual research project and weekly contact hours will vary depending on the nature of the project. Students should discuss this with their supervisor but as a guide, a student encolled in a 50 point research should discuss to add hours for the sensets: Students encolled in a 50 point research should be expected to be engaged in their research on a pro-rata basis.           Prerequisites:         Entry into the MSc (Botany program), or approval from the course coordinator.           Corregulates:         None           None         None           None         It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the Juboratory activities. Students who feel their disability may impact upon their participation in the Juboratory activities. Students who feel their disability may impact upon their participation are encouraged to discuss this with the subject coordinator and the Disability Liaison Unit.           Contact:         Email: edwardin@unimelb.edu.au (mailto:edwardin@unimelb.edu.au)           Subject Overview:         This subject is the minor research component for the Master of Science – Botary. The research project provides an opportunity for independent research under supervision, distection, under supervisio, shoragm of biotechnology, functional plant biology, marine botary and plant systematics and explained biotechnology, functional plant biology marine botary and plant systematics and explained biotechnology, functional plant biology marine botary and participation site. The research project a redivergime all science, molecular biology and biotechno		
weekly contact hours will vary depending on the nature of the project. Students should discuss this with their supervisor but as a guide. a student enrolled in a 50 point research project subject would be expected to be engaged in their research for an average of forty hours per week or 600 hours for the semester. Students enrolled in a 50 point research subject would be expected to be engaged in their research on a pro-rata basis.         Prereguisites:       Entry into the MSc (Botany program), or approval from the course coordinator.         Corequisites:       None         Recommended Background Knowledge:       None         Core Participation       It is University policy to take all reasonable steps to minimise the impact of disability upon activative and reasonable steps will be made to enhance a student's participation in the University's programs. This subject requires all students to actively and stability upon advocativa activities. Students who feel their disability upon their participation in the University's programs. This subject requires all students to actively and stability participate in laboratory activities. Students who feel their disability upon field experiments.         Subject Overview:       This subject is the minor research component for the Master of Science – Botany. The research project provides an opportunity for independent research under supervision in the School of Botary, in the areas of environmental science, molecular analysis and interpretation, and development of written and oral presentiation skills. The project will participate will provide: experimental tensity stematics and evolution. The research project will provide: experiments is esting, design of laboratory and/or field experiments; and approved by the School s coordinator.         Co	Dates & Locations:	This subject is not offered in 2014.
Corequisites:         None           Recommended Background Knowledge:         None           Non Allowed Subjects:         None           Core Participation Requirements:         None           Core Participation Requirements:         None           Contact:         Email: edwardin@unimelb.edu.au (mailto:edwardin@unimelb.edu.au)           Subject Overview:         This subject is the minor research component for the Master of Science – Botany. The research project provides an opportunity for independent research under supervision in the School of Botany, in the areas of environmental science, molecular biology and biotechnology, functional project provides an opportunity for independent research under supervision in the School of Botany, in the areas of environmental science, molecular biology and biotechnology, functional project provide san opportunity for independent research under supervision in the School of Botany, in the areas of environmental science, molecular biology and biotechnology, functional plant biology, maine botany and plant systematics and evolution. The research project will provide: experience in reviewing scientific literature, hypothesis testing, design of laboratory and/or field experiments, training in experimental techniques, data analysis and interpretation, and development of writhen and oral presentation skills. The project will be designed in consultation with a supervisor(s) and approved by the School's coordinator.           Learning Outcomes:         The objectives of this subject are to provide students with:	Time Commitment:	weekly contact hours will vary depending on the nature of the project. Students should discuss this with their supervisor but as a guide, a student enrolled in a 50 point research project subject would be expected to be engaged in their research for an average of forty hours per week or 800 hours for the semester. Students enrolled in a 37.5, 25 or 12.5 point research subject would
Recommended Background Knowledge:         None           Non Allowed Subjects:         None           Core Participation Requirements:         It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participate in laboratory activities. Students who feel their disability may impact upon their participation are encouraged to discuss this with the subject coordinator and the Disability Liaison Unit.           Contact:         Email: edwardjn@unimelb.edu.au (mailto.edwardjn@unimelb.edu.au)           Subject Overview:         This subject is the minor research component for the Master of Science – Botany. The research project provides an opportunity for independent research under supervision in the School of Bolany, in the areas of environmental science, melecular biology and biotechnology, functional plant biology, marine botany and plant systematics and evolution. The research project will provide: experience in reviewing scientific literature, hypothesis testing, design of laboratory and/or field experience in reviewing scientific literature, hypothesis testing, design of laboratory and development of written and oral presentation skills. The project will be designed in consultation with a supervisor(s) and approved by the School's coordinator.           Learning Outcomes:         The objectives of this subject are to provide students with: # high-level experience in, and ability to conduct independent research in a field of plant science; # ability in reviewing and assessing scientific literature; # ability in vipyothesis testing, design of laboratory and/or field experiments; # ability in advanced scientific techniques, data analysis and interpretation; # written and oral presentations; and # poten	Prerequisites:	Entry into the MSc (Botany program), or approval from the course coordinator.
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Requirements:       academic study and reasonable steps will be made to enhance a student's participation in the University's programs. This subject requires all students to actively and safely participation are encouraged to discuss this with the subject coordinator and the Disability Liaison Unit.         Contact:       Email: edwardjn@unimelb.edu.au (mailto:edwardjn@unimelb.edu.au)         Subject Overview:       This subject is the minor research component for the Master of Science – Botany. The research project provides an opportunity for independent research under supervision in the School of Botany, in the areas of environmental science, molecular biology and biotechnology, functional plant biology, marine botany and plant systematics and evolution. The research project will provide: experience in reviewing scientific literature, hypothesis testing, design of laboratory and/or field experiments, training in experimental techniques, data analysis and interpretation, and development of written and oral presentation skills. The project will be designed in consultation with a supervisor(s) and approved by the School's coordinator.         Learning Outcomes:       The objectives of this subject are to provide students with: <ul> <li># high-level experience in, and ability to conduct independent research in a field of plant science;</li> <li># ability in hypothesis testing, design of laboratory and/or field experiments;</li> <li># ability in hypothesis testing, design of laboratory and/or field experiments;</li> <li># ability in hypothesis testing, design of laboratory and/or field experiments;</li> <li># ability in hypothesis testing, design of laboratory and/or field experiments;</li> <li># ability in hypothesis testing, design of laboratory and/or field experiments;</li> <li< td=""><td>Non Allowed Subjects:</td><td>None</td></li<></ul>	Non Allowed Subjects:	None
Subject Overview:       This subject is the minor research component for the Master of Science – Botany. The research project provides an opportunity for independent research under supervision in the School of Botany, in the areas of environmental science, molecular biology and biotechnology, functional plant biology, marine botany and plant systematics and evolution. The research project will provide: experience in reviewing scientific literature, hypothesis testing, design of laboratory and/or field experiments, training in experimental techniques, data analysis and interpretation, and development of written and oral presentation skills. The project will be designed in consultation with a supervisor(s) and approved by the School's coordinator.         Learning Outcomes:       The objectives of this subject are to provide students with: <ul> <li># high-level experience in, and ability to conduct independent research in a field of plant science;</li> <li># ability in reviewing and assessing scientific literature;</li> <li># ability in advanced scientific techniques, data analysis and interpretation;</li> <li># ability in advanced scientific techniques, data analysis and interpretation;</li> <li># written and oral presentations; and</li> <li># potential to proceed to the PhD degree.</li> </ul> Assessment:		academic study and reasonable steps will be made to enhance a student's participation in the University's programs. This subject requires all students to actively and safely participate in laboratory activities. Students who feel their disability may impact upon their participation are
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Assessment:       The assessment requirements below are applicable to the entire 75 point research project: a research project enrolment (15%; 3,000 words); presentation of a seminar based on the research project enrolment; a semesters (80%; 10,000 - 12,000 words) due after 75 points of research project enrolment; a research thesis (80%; 10,000 - 12,000 words) due after 75 points of research project enrolment; a research thesis (80%; 10,000 - 12,000 words) due after 75 points of research project enrolment; a research thesis (80%; 10,000 - 12,000 words) due after 75 points of research project enrolment. Students are expected to attend the School's general weekly seminar series held during semesters.	Subject Overview:	project provides an opportunity for independent research under supervision in the School of Botany, in the areas of environmental science, molecular biology and biotechnology, functional plant biology, marine botany and plant systematics and evolution. The research project will provide: experience in reviewing scientific literature, hypothesis testing, design of laboratory and/or field experiments, training in experimental techniques, data analysis and interpretation, and development of written and oral presentation skills. The project will be designed in
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	Prescribed Texts:	None

Recommended Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	At the completion of this subject, students should gain skills in: # designing, managing and executing a research project; # demonstrating a breadth of knowledge in a particular discipline; # analysing and interpreting scientific data; # providing persuasive intellectual arguments; # exercising critical judgement, independent thinking and a problem solving approach; # written report presentation and oral communication; and # time management and self-organisation.
Related Course(s):	Master of Science (Botany)