

Diploma for Graduates in Aquaculture and Fisheries or Marine Science

Requirement: 120 points (= 7 papers) with at least 72 points at 300-level (= 4 papers)

FIRST: Choose THREE or FOUR 300-level papers that appeal to you from this list

Paper	Title	Timing	Prerequisites
AQFI 301	Field Methods in Applied Marine Science	Jan, Feb or Nov	two of AQFI 251, MARI 201, MARI 202
AQFI 352	Fisheries Ecology	S1	two of AQFI 251, MARI 202, STAT 210, ZOOL 221
MARI 301	Marine Ecology and Ecosystems	S1	One of BIOL 112, 123, EAOS 111, ECOL 111, MARI 112; and two 200-level science papers
MARI 302	Biology and Behaviour of Marine Vertebrates	S1	ZOOL 221
MARI 322	Coastal and Shelf Seas Oceanography	S2	MARI 201

SECOND: Choose the 100- and 200- level prerequisite papers that you need. They could include:

Paper	Title	Timing	Prerequisites
EAOS 111	Earth and Ocean Sciences	S1	
MARI 112	Marine Biology: The Living Ocean	S2	
AQFI 251	Principles of Aquaculture	S2	MARI 112, STAT 110 or 115, one of BIOL 112, 123, CELS 191, ECOL 11
MARI 201	Oceanography: The Physical Ocean	S1	EAOS 111 and one of COMO 101, MATH 120, 160, 170, PHSI 131, 132, 191, STAT 110, 115
MARI 202	Ecology and Biology of Marine Invertebrates	S2	BIOL 112 or MARI 112
STAT 210	Applied Statistics	S1	STAT 110 or 115
ZOOL 221	Animal Designs for Living	S1	BIOL 112

THIRD: Think about your background in mathematics and/or statistics. If you have a good background, consider adding to it. If not, you must get in some stats (for biological applications) or maths/modelling (for physical applications). Consult with the Department if you need advice.

Paper	Title	Timing	Prerequisites
COMO 101	Modelling and Computation	S2	
MATH 120	Mathematics for Scientists	S1, S2	Or consider MATH 130, 140
STAT 110	Statistical Methods	SS, S1	
STAT 115	Introduction to Biostatistics	S2	
STAT 210	Applied Statistics	S1	BSNS 112 or STAT 110 or 115

FOURTH: Make up the degree to 7 (or 8) papers by choosing relevant science papers from: BIOL, BTNY, CELS, CHEM, COMO, ECOL, EMAN, ENVI, GEOG, GEOL, MATH, NAUT, PHIL, PHSI, SCOM, STAT, SURV, ZOOL. Make sure that you have 7-8 papers, of which four or more are at 300-level.

FINALLY: Apply using e.vision. Send your proposal to the Department (marine.courseadvice@otago.ac.nz) and the DipGrad coordinator (Dipgrad@otago.ac.nz).

NOTES:

If your previous degree is not from Otago, you may need to request that the work you did elsewhere be used to count as prerequisites – request special permission and upload transcript.

Some papers are not offered in a given year – check the current Guide to Enrolment to make sure.

Sometimes you can take prerequisites at the same time as the paper that requires them – these are called co-requisites and you can request special permission to do this.

Some papers have field trips outside the normal term time – check websites for details.