

Bachelor of Pharmaceutical Science

Medicinal Chemistry major

Course Map

First year: 2009				
8 core units				
SEM 1	PSC1021 Organic chemistry I	PSC1071 Physical chemistry I	PSC1081 Physiology I	PSC1041 Mathematics for pharmaceutical scientists
SEM 2	PSC1022 Organic chemistry II	PSC1072 Physical chemistry II	PSC1082 Physiology II	PSC1042 Introduction to pharmaceutical sciences
Second year: 2010				
4 core units, 4 specialist units				
SEM 1	PSC2011 Pharmaceutical biochemistry	PSC2021 Analytical methods	PSC2121 Synthetic chemistry I	PSC2141 Computational chemistry I
SEM 2	PSC2062 Pharmacology	PSC2092 Molecular cell biology	PSC2122 Synthetic chemistry II	PSC2182 Introduction to spectroscopy
Third year: 2011				
2 core units, 5 specialist units, 1 elective unit				
SEM 1	PSC3081 Biopharmaceutics	PSC3091 Molecular basis of drug action	PSC3181 Spectroscopy	PSC3121 Synthetic medicinal chemistry
SEM 2	PSC3112 Drug discovery and development	PSC3122 Chemical technologies for the pharmaceutical sciences	PSC3182 Research project	Elective unit Choose one of: <ul style="list-style-type: none"> ▪ PSC3032 Current aspects of pharmaceutical biology ▪ PSC3042 Disease states and pharmacological intervention ▪ PSC3202 Product development III ▪ PSC3092 Computational chemistry in drug design

All units are 6 credit points
Students complete 48 credit points per year
Total credit points required: 144

For more information about the Bachelor of Pharmaceutical Science contact:

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