

**Macao Polytechnic Institute**  
**Bachelor of Science in Computing Program**  
**Pre-requisite Course List**  
**Effective for intakes of Academic Year 2009/2010 to 2011/2012**

Course Title		Pre-requisite(s)	
<b>Year 1</b>			
COMP121	Computer Architecture	MATH111	Essential Computer Mathematics
COMP122	Data Structures and Algorithms	COMP112	Programming I
MATH121	Discrete Mathematics	MATH111	Essential Computer Mathematics
MENG121	English II	MENG111	English I
<b>Year 2</b>			
MATH211	Statistics I	MATH111	Essential Computer Mathematics
MENG211	English III	MENG121	English II
COMP224	Database Management Systems	COMP211	Database Design
MENG221	English IV	MENG211	English III
<b>Year 3</b>			
MENG311	English V	MENG221	English IV
COMP323	Data Warehousing and Data Mining	COMP224	Database Management Systems
COMP324	Gaming Technology I	COMP316	Introduction to Gaming Technology
MATH321	Statistics II	MATH211	Statistics I
MATH322	Mathematics for Gaming Technology	MATH211	Statistics I
MENG321	English VI	MENG311	English V
<b>Year 4</b>			
COMP414	Gaming Technology II	COMP316	Introduction to Gaming Technology
COMP492	Final Year Project (Gaming Technology)	COMP324	Gaming Technology I
COMP403	Database Administration & Programming	COMP224	Database Management Systems

Note:

- In order to enroll in courses with pre-requisite(s), students MUST pass the pre-requisite course(s) first.