How to prepare for the premaster?

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Courses (1) Mathematics and (2) Statistics (February and March):

- Mathematics and statistics are typically deemed the hardest courses from the premaster, and you do well to enter well prepared. You need to be fully up to speed with VWO style mathematics (Wiskunde A). You can prepare by reading Chapters 1 to 4 from the book “Essential Mathematics for Economic Analysis”. This is the book that will be used in the pre-master, and the first four chapters are assumed to be common knowledge. To provide some additional guidance, check out www.khanacademy.org. Make an account and log in. At the top of the screen, find Subjects, choose: Math: Algebra I+II, Precalculus (vectors, matrices, hyperbolic functions, sequences, limits), differential calculus, multivariable calculus (partial derivatives), probability and statistics (up to descriptive statistics).

Courses (1) International financial management and (2) Investments (April and May):

- Both courses are third year courses from the VU bachelor program. They build on earlier finance courses. You can prepare for these courses by reading the material dealt with in these previous courses, in particular: Berk & Demarzo (2013, 3rd edition): Corporate Finance. Chapters: 1-13,20-22,26-27. Similar material from other standard textbooks are also fine.

Academic paper (February to June):

- The academic paper builds on all four courses of the pre-master, and therefore requires no special preparation. But remember to already think about a preferred research topic during Feb-Mar. Do not postpone this until May. Having a good research topic in mind will also help you to ask more specific questions during your statistics classes, as you can directly apply statistics in your research paper.
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Course Accounting II:


Course Financial Modeling and Derivatives: