

## SYLLABUS

### ME2708 Economic Growth: Technology, Investments and Society 2018

Updated: 2018-04-26

Event	Date	Time	Room	Teacher	Reading	Topic
Lecture 1	Monday, March 19	13:00– 15:00	E31	Luis Perez	Chapter 1 + Handouts	Introduction
Lecture 2	Thursday, March 22	13:00– 15:00	Q21	Luis Perez	Chapter 2	Exogenous growth models
Lecture 3	Monday, March 26	13:00– 15:00	V34	Luis Perez	Chapter 2 + Handouts	Exogenous growth models
EXERCISE SESSION 1*	Thursday, March 29	13:00– 15:00	E51	Luis Perez		EXOGENOUS GROWTH
Lecture 4	Thursday, April 12	15:00– 17:00	Q33	Luis Perez	Chapters 9, 4 + Handouts	Endogenous growth models
Lecture 5	Monday, April 16	15:00– 17:00	V35	Luis Perez	Chapter 5	Endogenous growth models
Lecture 6	Wednesday, April 18	13:00– 15:00	E31	Luis Perez	Chapter 5	Endogenous growth models
EXERCISE SESSION 2	Monday, April 23	13:00– 15:00	E51	Luis Perez		ENDOGENOUS GROWTH
Lecture 7	Thursday, April 26	13:00– 15:00	E31	Luis Perez	Chapter 6	Growth and Development
Lecture 8	Thursday, May 3	13:00– 15:00	V22	Luis Perez	Handouts	Directed Technical Change (DTC)
EXERCISE SESSION 3	Monday, May 7	13:00– 15:00	E31	Luis Perez		BASED ON CH. 6 + Handouts
Lecture 9	Wednesday, May 9	13:00– 15:00	E31	Luis Perez	Chapter 10	Natural resources and growth
EXERCISE SESSION 4	Tuesday, May 15	13:00– 15:00	E51	Luis Perez		BASED ON CH. 10 + Handouts
EXAM	Tuesday, May 29	14:00– 18:00	E33- E35			

\* An *optional* (mathematical) lecture will be offered on Monay, March 26, starting at 15:00 and presumably ending sometime between 16:00-17:00. In this lecture I will present some of the fundamental mathematical principles that are needed in this course.

Reading instructions refer to the book “Introduction to economic growth” by Charles Jones and Dietrich Vollrath, 3rd Edition. Included chapters in the book: 1–11, read chapters 3, 7 and 11 as well as the mathematical appendix on your own. Relevant handouts would be delivered throughout the course.

### Registration, Early Interruption and Other Issues

Issues regarding registration (either for the course or the exam), early interruption and/or other technical issues that may emerge must be solved by contacting Linda Larsson or Ann-Sofie Granberg (emails: [linda.larsson@itm.kth.se](mailto:linda.larsson@itm.kth.se), [annsofie@kth.se](mailto:annsofie@kth.se)), *not me*.

### Office hours

You are welcome to discuss questions regarding lectures, assignments or other course materials on Fridays from 13:00 to 15:00. I *still* highly recommend to book appointments directly with me (by email) to reduce waiting time. We could discuss similar issues in different time slots *iff* we have previously arranged an appointment.

## Assignments

### **Assignment 1 – Exogenous growth models**

Handed out: Thursday, March 22

Deadline: Thursday, March 29 at the beginning of class

### **Assignment 2 – Endogenous growth models**

Handed out: Thursday, April 12

Deadline: Monday, April 23 at the beginning of class

### **Assignment 3 – Growth and development: Population and sustained growth**

Handed out: Thursday, April 26

Deadline: Monday, May 7 at the beginning of class

### **Assignment 4 – AK-models; Natural resources and growth**

Handed out: Wednesday, May 9

Deadline: Tuesday, May 15 at the beginning of class

## Written Examination

- Maximum number of points: 100
- Grades, A (best) to F (fail)
  - Points  $\geq 90$ , A
  - $80 \leq \text{points} \leq 89$ , B
  - $70 \leq \text{points} \leq 79$ , C
  - $60 \leq \text{points} \leq 69$ , D
  - $53 \leq \text{points} \leq 59$ , E
  - $50 \leq \text{points} \leq 52$ , FX
  - Points  $< 50$ , F

FX means that you are given the opportunity to do a complementary task in order to get grade E. Note that you cannot get a higher grade than E from doing the complementary task.

Only allowed aid: pen, pencil, eraser, ruler, calculator and a language lexicon kept at the supervisor's desk.

You must register for the exam on MyPages in the window 4–2 weeks prior to the exam. Please note that only those who have registered for the exam will be allowed to take it.