



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Institutionen för skogsekonomi

SG0248 Forest Economics Analyses, 15 credits

Course period = 02 Nov 2021 – 16 Jan 2022 (period 2a-2b)

Year 2021

Weeks 44

Date	Time	Content	Lead	Back-up
November 2	9.15-12	Course Introduction	FA	CW
November 3	9.15-12	Decision theory and decision analysis; Review of forestry financial analysis and decision criteria	CK	FA
November 4	9.15-12	Review of forestry financial analysis and decision criteria II	CK	FA
November 4	13.15-16	Optimal decision in even-aged stand management (Faustmann model, rotation age, thinning program)	CK	FA

Instructors: Francisco Aguilar (FA), Peichen Gong (PG), Chandra Krishnamurthy (CK), Camilla Widmark (CW)



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Institutionen för skogsekonomi

SG0248 Forest Economics Analyses, 15 credits

Week 45

Date	Time	Content	Lead	Back-up
November 8	9.15-12	Optimal decision in even-aged stand management (Faustmann model, rotation age, thinning program) II	CK	PG
November 9	9.15-12	Numerical analysis in Excel Introduction to Project A	CK	FA
November 9	13.15-16	Work on Project A	CK	FA
November 10	9.15-12	Review of Project A	CK	PG
November 11	9.15-12	Work on Project A	CK	PG
November 11	13.15-16	Project A: Summary and discussion	CK	PG
November 12	8.15-10	Multiple-use forest management	CK	FA

Instructors: Francisco Aguilar (FA), Peichen Gong (PG), Chandra Krishnamurthy (CK), Camilla Widmark (CW)



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Institutionen för skogsekonomi

SG0248 Forest Economics Analyses, 15 credits

Week 46

Date	Time	Content	Lead	Back-up
November 15	9.15-12	Exercise on Hartmann model	CK	FA
November 16	9.15-12	Uneven-aged stand management	CK	FA
November 17	13.15-16	Introduction to Linear Programming	CK	FA
November 18	10-12	Uneven-aged stand management (cont.)	CK	FA
November 18	13.15-16	Solving Linear Programming problems in Excel	PG	FA
November 19	9.15-12	Introduction to Project B	PG	CK
November 19	13.15-16	Work on Project B	PG	CK

Instructors: Francisco Aguilar (FA), Peichen Gong (PG), Chandra Krishnamurthy (CK), Camilla Widmark (CW)



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Institutionen för skogsekonomi

SG0248 Forest Economics Analyses, 15 credits

Week 47

Date	Time	Content	Lead	Back-up
November 22	8.15-10	Work on Project B	PG	FA
November 23	9.15-12	Project B: Summary and discussion	PG	CK
November 24	13.15-16	Forest management planning	FA	PG
November 25	9.15-12	Risk and uncertainty	CK	FA
November 26	9.15-12	Stochastic simulation	CK	FA
November 26	13.15-16	Exercise on storm damage	PG	FA

Instructors: Francisco Aguilar (FA), Peichen Gong (PG), Chandra Krishnamurthy (CK), Camilla Widmark (CW)



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Institutionen för skogsekonomi

SG0248 Forest Economics Analyses, 15 credits

Week 48

Date	Time	Content	Lead	Back-up
November 29	8.15-10	Review session	CK	FA
November 30	9-14	Examination 1	FA	
December 1	9.15-12	Timber transport	FA	PG
December 2	9.15-12	Exercise on Timber transport	FA	PG
December 3	9.15-12	Forest valuation 1	PG	FA

Instructors: Francisco Aguilar (FA), Peichen Gong (PG), Chandra Krishnamurthy (CK), Camilla Widmark (CW)



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Institutionen för skogsekonomi

SG0248 Forest Economics Analyses, 15 credits

Week 49

Date	Time	Content	Lead	Back-up
December 6	9.15-12	Forest valuation 2	PG	FA
December 7	9.15-12	Introduction to forest taxation assignment	FA	CW
December 8	9.15-12	Forest taxation 1	PG	FA
December 9	9.15-12	Forest taxation 1	FA	PG
December 10		TBD		

Instructors: Francisco Aguilar (FA), Peichen Gong (PG), Chandra Krishnamurthy (CK), Camilla Widmark (CW)

Week 50 - 51: Assigned reading and report writing. Check *Canvas* for additional details



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Institutionen för skogsekonomi

SG0248 Forest Economics Analyses, 15 credits

Year 2022

Week 2

Date	Time	Content	Lead	Back-up
January 3	Self-pace	Video lessons and assigned reading – repetition on accounting	CW	FA
January 4	9.15-12	Lecture - Assets and KPI	CW	FA
	13.15-16	Workshop - KPI and assets	CW	FA
January 5	9.15-12	Lecture - Liability, income statement and KPI	CW	FA
January 6		Trettondag jul – holiday		
January 7	9.15-12	Introduction to assignment	CW	FA

Instructors: Francisco Aguilar (FA), Peichen Gong (PG), Chandra Krishnamurthy (CK), Camilla Widmark (CW)



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Institutionen för skogsekonomi

SG0248 Forest Economics Analyses, 15 credits

Week 3

Date	Time	Content	Lead	Back-up
January 10	9.15-12	KPI and liability & income statement	CW	FA
January 11	9.15-12	Lecture + Workshop: Sustainability report and taxes	CW	FA
January 12	9.15-12	Seminar - KPI	CW	FA
January 13	9.15-12	Review session, self-study	CW	FA
January 14	TBD	Examination 2*	FA	

Instructors: Francisco Aguilar (FA), Peichen Gong (PG), Chandra Krishnamurthy (CK), Camilla Widmark (CW)

Reexamination Date: 24 February 2022

Francisco Aguilar (Course leader)
Telefon: 72-247-9538
E-mail: Francisco.aguilar@slu.se