

Master 2 OPTIMISATION, JEUX ET CONTRÔLE – Schedule 1st semester 2026/2027

Intensive courses : 01 Sept.-05 Sept. 2026 – **Welcome meeting** : 03 Sept. 2026 à 17h15- IMO, Salle 3L8

Schedule: Sept.07 – Nov.20 (1st Block); Nov.24 – Feb 05 (2nd Block) ; Feb.08 – April 02 (3rd block) - **Holidays** : Oct. 24 – nov 1; Dec.19 – Jan.01 ;

ENSTA (828 bd Maréchaux, Palaiseau) – Polytechnique (Route de Saclay, Palaiseau) – Centrale Supélec (8-10 rue Joliot Curie, Gif s/Yvette) – MPRO : <https://uma.ensta-paris.fr/mpro/edt>
BEM (Bâtiment d'Enseignements Mutualisés : Derrière l'ENSAE - Arrêt de bus « Lozère »).

Block 1 : September 7 – November 20, 2026

Monday	Tuesday	Wednesday	Thursday	Friday
Theoretical aspects of linear programming /Aspects théoriques de la programmation linéaire (EN12754) 10h00 – 13h00 X. Allamigeon Polytechnique, Salle 106-30.08 + cours Thursday 9/17 14h-17h	Dynamic programming /Programmation dynamique – SOD 312 (EN3150) 9h00 - 12h15 M. Akian ENSTA Room 2234 10/20 & 11/03 ENSTA Room 1315 <u>Exam</u> Nov 10: 9h - 12h15 Room 2234	Convex analysis and optimization /Analyse et optimisation convexe (EN3158) 9h00 - 12h00 T. Gallouët / JC. Pesquet IMO From 07 oct to 14 oct : Room 2L8 From 21 oct au 4 nov : Room 3L8 JC. Pesquet: Oct. 7, 14, 21 Nov. 4	Optimal Control of ODEs / Contrôle optimal des EDO (EN3157) 8h30 12h15 R. Bonalli & B. Bonnet-Weill From sept 17 to 19 Nov. ENSTA Room 2234 & Room 1324 : 09/24 12/11:8h30-12h15 & 14h-16h(room2234) <u>Exam</u> Nov 19: 8h30 12h15 Room 1324 (Merc + Jeudi) Advanced micro-economics : game theory and applications (EN12756) 9:00 - 12:15 ENSAE Room 2041 O. Gossner: Oct.1, 8, 15 Dec.3 F. Koessler : Oct.22 + Nov 12, 19, 26	Théorie des jeux (EN3149) Cours : 08h30 - 10h30, N. Veille TD : 10h45-12h45 et/ou 14h-16h From Sept.25 to Dec 11 Polytechnique : Amphi Lagarrigue (AL), Sauvy (AS) ou Painlevé (AP). Sept : 25am AL/pm AP Oct : 02am AL/pm AS 09am AS+AL/pmAS --16am AL/pm AS – 23am AL+AS Nov : 06am AL/6pm AS 13am AL/13pm AS 20am AL/20pm AS 27am AL / 27pm AS <u>Examen</u> : Dec 11 9h 12h <u>Cours en français</u> et contingenté <i>Shared courses (3A Eco. Polytechnique)</i>
Convex analysis and optimization /Analyse et optimisation convexe (EN3158) 14:30-17:30 T. Gallouët & JC Pesquet IMO Room 1A7 Sept.: 7, 14, 21, 28 Oct. : 05 Nov. : 9 (JC Pesquet) <u>Exam</u> : Nov. 16	Sequential Learning (EN392) 14h00 - 18h00, E. Boursier IMO Room 1A12 From 29 sept to 15 dec. <u>Exam</u> Dec. 15 <i>External course</i>	Dynamic programming – SOD 312 /Programmation dynamique (EN3150) 14h00 - 17h15 M. Akian, ENSTA Room 1315 Oct.: 14, 21 Optimal Control of ODEs / Contrôle optimal des EDO (EN3157) 13h30 - 17h15 B. Bonnet-Weill Nov. 04 : ENSTA Room 2234 (Merc + Jeudi)	Introduction to Operations Research and its applications (IORA) (EN3156) 14h – 17h C. Gicquel & Y. Hayel IMO Room 1A14 (except sept 10 & oct 22) Sept: 10 Room 1A13 Oct: 1, 08, 15, 22(Room 2P8) <u>Final Exam</u>: Nov 19, 13:30-16:30 (1A14)	Introduction to Operations Research and its applications (IORA) /Introduction à la recherche opérationnelle et ses applications (EN3156) 13h00 - 16h00, C. Gicquel & Y. Hayel IMO Room 3L15 Sept : 25 Room 2P8 Nov. : 6, 13 Elliptic Equations / Équations elliptiques linéaires et non linéaires (EN1202) 14h00-17h30 JF Babadjian IMO Room 0A4 <i>Shared courses (M2 AMS/AAG)</i>

Block 2: November 23 -February, 5 + Invited course PGMO : Coralia Cartis (Oxford)

Monday	Tuesday	Wednesday	Thursday	Friday
Tropical algebra, optimization and games / Algèbre tropicale, optimisation et jeux (EN3155) 9h00 - 12h30, S. Gaubert Sorbonne Université, Campus Jussieu Room 15/16-101 From Nov.24 to Dec 15 Wednesday, 7 January From jan 12 to jan 26 Examen : feb. 9 09h00 - 12h00 Room 15/16-101	Stochastic optimization / Optimisation stochastique (EN3151) 9h30 -12:30, O.Fercoq Ecole Polytechnique 11/25 : Room n64 12/02 : Room PC43 12/09 : Room n67 12/12 : BEM-2003 (1022003) 01/06 : Room n67	Mean-field games /Jeux à champ moyen (EN12755) 9h00 -12h00, C. Bertucci Sorbonne Université, Campus Jussieu Room 15/16-201 From Jan.14 to Feb.18 https://www.ljll.fr/MathModel/enseignement/agenda.html ???????	Advanced game theory and applications / Théorie des jeux avancés et app. (EN3148) 10h00 - 12h30, S. Lasaulce IMO Room 0A5 (except 11 déc. : 9h00 - 12h30) From Nov. 20 to Dec. 11 Examen : Jan. 29 10h00 - 12h30 (IMO 0A5)	Calculus of variations and geometric measure theory / Calcul des variations et théorie géométrique de la mesure - O6 (EN12753) 9h00 - 12h30 L. Nenna IMO Room 0A4 Until Jan. 15 (Tuesday + Friday) Shared courses M2 AMS-AM
	Stochastic optimization / Optimisation stochastique (EN3151) 14h00 -17h00 W. van Ackooij Ecole Polytechnique 11/25 : Room n64 12/02 : Room PC18 12/09 : Room PC42 12/12 : BEM-2003 (1022003) 01/06 : Room PC40 Sequential Learning (EN392) 14:00-18:00, E. Boursier IMO Room 1A11 Until Dec.16 Examen 16/12 14h à 18h? Shared courses M2 MDA Calculus of variations and geometric measure theory / Calcul des variations et théorie géométrique de la mesure - O6 (EN12753) 14h00 - 17h30, L. Nenna, IMO Room 0A2 Until Jan. 12 (Tuesday + Friday) Shared courses M2 AMS-AM		Advanced game theory and applications (EN3148) 13h30 - 17h45, S.Lasaulce / O.Beaude IMO Room 1A14 (except nov 20: Room 1A11) S.Lasaulce : from nov 20 to dec 04 O.Beaude from dec 18 to jan 08 From Nov. 20 to Jan. 08	Optimisation sans gradient et application en calcul scientifique /Derivative-free optimization - V04 (EN3152) 14h00 - 17h30, A. Auger ENSTA Room 1322 Until Feb.14 Shared courses M2 AMS-AM