



CARTELERA N°405/25

ESPECIALIZACIÓN EN NUTRICIÓN ANIMAL

***“Digestión y metabolismo de nutrientes en rumiantes:
aproximaciones metodológicas para su estudio”***

Coordinadora: Analía Pérez Ruchel

Créditos: 4

Horas: 60 hs

Modalidad de dictado: Presencial

Lugar:

- Departamento de Producción Animal y Salud de los Sistemas Productivos (IPAV –ruta 1, km 42.5, Libertad - San José)
- Facultad de Veterinaria Sede Central (ruta 8, km 18)

Cupo: 15

Costo: \$13.300 UY

Fechas presenciales: viernes 3/10 (IPAV), jueves 16/10 (sede central), viernes 17/10 (IPAV) y viernes 24/10 (sede central).

Evaluación final: 24/10 en sede central, prueba individual, horario a definir.

Período de dictado: 03/10/2025-24/10/2025

Período de inscripción: *23/09/2025-02/10/2025

Exclusivamente a través del SGAE* Les dejamos un **instructivo** de apoyo.

Docentes nacionales:

- Martín Fraga
- Alejandro Britos
- Analía Pérez Ruchel

Docente extranjero:

- Gilberto Vilmar Kozloski (PhD, Universidade Federal de Santa María - Brasil).

METODOLOGÍA: Se trabajará en base a exposiciones de los docentes, prácticos de laboratorio y talleres de discusión de bibliografía.

CONTENIDO:

Viernes 3/10/2025 – 9:00 a 16:00h - IPAV (Ruta 1, km 42.5)

Introducción. Digestión de los alimentos en rumiantes. Metodologías para el estudio de la digestibilidad in vivo. Analía Pérez Ruchel

Ecosistema ruminal. Características de la microbiota y factores que la afectan.

Manipulación de la microbiota. Métodos para el estudio. Martín Fraga

Ambiente ruminal y sincronización de nutrientes. Síntesis de proteína microbiana en el rumen. Manejo de la alimentación. Analía Pérez Ruchel

Distribución de Trabajos para Talleres.

Jueves 16/10/2025 – 9:00 a 16:00h – Sede Central de FVET (Ruta 8, km 18)

Utilización de los nutrientes a nivel post-ruminal. Metodologías para estimar el flujo de digesta y proteína microbiana a nivel intestinal. Gilberto Kozloski

Metabolismo de los productos finales de la digestión en rumiantes. Uso de animales multicateterizados. Gilberto Kozloski

Viernes 17/10/2025 – 9:00 a 16:00h - IPAV (Ruta 1, km 42.5)

Métodos de medición de digestibilidad in vitro. Alcance y limitantes para su estudio. Alejandro Britos

Modelos nutricionales. Técnicas in vitro e in situ para obtener parámetros necesarios para su utilización. Gilberto Kozloski

Talleres grupales. Discusión con el equipo docente.

Viernes 24/10 – hora a definir. Sede Central de FVET (Ruta 8, km 18)

Prueba individual, cuestionario.



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