

UNIVERSITY OF AGRONOMIC SCIENCES
AND VETERINARY MEDICINE OF BUCHAREST
FACULTY OF ANIMAL PRODUCTIONS ENGINEERING AND MANAGEMENT
FIELD OF STUDY: FOOD ENGINEERING
MASTER'S DEGREE PROGRAM: FOOD SAFETY AND BIOSECURITY
FORM OF EDUCATION: EDUCATION WITH FREQUENCY

SUBJECTS

for admission contest to Master's degree program
July 2018 admission session

Discipline: " **Modern technologies for food production and food processing**"

Form of examination : written

1. Global quality of meat.
2. Physical-chemical proprieties of milk.
3. Processing technologies for meat products.
4. Processing technologies for milk products.
5. Processing technologies for vegetables products.
6. Breeding technologies and animal welfare on meat production chain.
7. Breeding technologies and animal welfare on milk production chain.
8. Risk analysis in food safety.

REFERENCES:

1. **Banu, C.** (coord.). *Tratat de industrie alimentară. Tehnologii alimentare*, Editura ASAB, București, 2009.
2. **Banu, C.** (coord.). *Tratat de industrie alimentară. Probleme generale*, Editura ASAB, București, 2008.
3. **Banu, C.** (coord.). *Biochimia, microbiologia și parazitologia cărnii*, Editura AGIR, București, 2006.
4. **Banu, C.**(coord). *Procesarea industrială a cărnii*, Editura Tehnică, București, 2003.
5. **Banu, C.**(coord). *Procesarea industrială a laptelui*, Editura Tehnică, București, 1998.
6. **Campbell-Platt, Geoffrey.** *Food Science and Technology*, Blackwell Publishing Ltd, 2009.
7. **Chandan Ramesh C. , Kilara Arun,** *Manufacturing Yogurt and Fermented Milks*, Wiley-Blackwell, ISBN 978-1-118-48133-2 (ebook/epdf)

8. **Costin, Gh. M.** ș.a. Știința și ingineria fabricării brânzeturilor, Editura Academica, 2003.
9. **Cziszter, L.T.** s.a. Bazele relației dintre bunăstarea animală și calitatea produselor, Editura AgroPrint, Timisoara, 2010.
10. **Georgescu, Gh.** Tratat de producerea, procesarea și valorificarea cărnii, Editura Ceres, 2000.
11. **Georgescu, Gh.** Laptele și produsele lactate, Editura Ceres, București, 2000.
12. **Georgescu Gh., Mărginean Gh., Caragea Nela** - Managementul producerii laptelui de calitate, Editura ASAB. București, ISBN 978-973-7725-88-2, 2011.
13. **Griffiths, Mansel W.** Editor. Improving the safety and quality of milk, Volume 2: Improving quality in milk products, Woodhead Publishing ISBN 978-1-84569-943-7 (e-book), 2010.
14. **Kanekanian A. Editor.** Milk and Dairy Products as Functional Foods, John Wiley & Sons, Ltd, ISBN 978-1-4443-3683-2 (hardback), 2014.
15. **Martín-Belloso, Olga,** Soliva-Fortuny Robert - Advances in Fresh-Cut Fruits and Vegetables Processing. CRC Press, ISBN 978-1-4200-7123-8 (Ebook-PDF), 2010.
16. **Toldrá Fidel,** editor. Handbook of Meat Processing. Blackwell Publishing, ISBN 978-0-8138-2182-5, 2010.
17. **Vidu, Livia.** Filiera cărnii, Editura Printech, București, 2006.