



NextFood has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 771738.



Funding: Horizon 2020, European Union

Call: Rural Renaissance – Fostering Innovation and Business Opportunities

Topic: RUR-13-2017 Building a future science and education system fit to deliver to practice

Grant agreement: No 771738

Duration: May 2018 to April 2022

Coordinator:

Dr Martin Melin, Swedish University of Agricultural Sciences, Alnarp, Sweden

WEBSITE:

<https://www.nextfood-project.eu/>



Nextfood - Educating the next generation of professionals in the agrifood system

Practice Abstract #81: Agrifood and forestry education in Europe – an informatics approach

Authors: Stephen Burleigh, Håkan Jönsson (Lund University)

The purpose of the study carried out at Lund University, Sweden, was to identify potential gaps in education in European Masters' programs concerning the 'Inventory of Skills' needed by the next generation of agrifood students to address the global challenges of the future. The 'Inventory of Skills' was developed in the course of the NextFOOD project. For the study, we used an informatics website analysis approach, whereby we looked for specific keywords associated with the skills in agrifood Masters' program websites. We found that food-related programs are strongly associated with the theme Innovation; agriculture programs with the theme Sustainability; and forestry programs with the theme Strategic Management. Potential gaps in education include agriculture and network-building, forestry and Life-Long Learning. Our study can serve as a practical decision-support tool for education managers when developing programs in agrifood education at Masters level. Teachers can see if their programs and individual courses use the vocabulary and concepts from the 'Inventory of Skills', especially educational activities associated the gaps identified here, and adjust their curricula if needed.



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Practice Abstract #81: Livsmedels- och lantbruksutbildning i Europa – en informatik ansats

Authors: Stephen Burleigh, Håkan Jönsson (Lund University)

Syftet med studien, som utfördes av Lunds universitet, Sverige, var att identifiera potentiella luckor i utbildningen i europeiska masterprogram angående de färdigheter som behövs av nästa generations jordbruks och livsmedelsstudenter för att möta framtidens globala utmaningar. Studien bygger vidare på den färdighetsinventering som tidigare utförts inom projektet NextFOOD. För studien använde vi oss av en webbanalysetod, där vi letade efter specifika nyckelord förknippade med kompetensen för masterprogram för agrifood. Vi fann att livsmedelsrelaterade program är starkt förknippade med temat Innovation, lantbruksprogram med temat Hållbarhet och skogsbruksprogram med temat Strategiskt ledarskap. Bland potentiella luckor i utbildningarna fanns nätverksbyggande inom jordbruksutbildningar och livslångt lärande inom skogsbruksutbildningar. Vår studie kan fungera som ett praktiskt beslutsstödsverktyg för utbildningsansvariga vid utveckling av masterprogram inom jordbruks- och livsmedelsutbildning såväl som andra utbildningsaktiviteter och. Lärare kan se om deras program och individuella kurser använder sig av identifierade viktiga begrepp och de luckor som identifierats, och kan vid behov justera sina läroplaner.



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Practice Abstract #81: Educación agroalimentaria y forestal en Europa: un enfoque informático

Authors: Stephen Burleigh, Håkan Jönsson (Lund University)

El objetivo del estudio llevado a cabo en la Universidad de Lund (Suecia) era identificar las posibles lagunas en la formación de los programas de máster europeos en relación con el "Inventario de competencias" que necesita la próxima generación de estudiantes de agroalimentación para hacer frente a los retos globales del futuro. El "Inventario de competencias" se desarrolló en el curso del proyecto NextFOOD. Para el estudio, utilizamos un enfoque de análisis de sitios web de informática, mediante el cual buscamos palabras clave específicas asociadas a las habilidades en los sitios web de los programas de másteres agroalimentarios. Encontramos que los programas relacionados con la alimentación están fuertemente asociados con el tema Innovación; los programas de agricultura con el tema Sostenibilidad; y los programas de silvicultura con el tema Gestión Estratégica. Las posibles lagunas en la educación incluyen la agricultura y la creación de redes, la silvicultura y el aprendizaje a lo largo de la vida. Nuestro estudio puede servir como herramienta práctica de apoyo a la toma de decisiones para los gestores de la educación a la hora de desarrollar programas de educación agroalimentaria a nivel de máster. Los profesores pueden comprobar si sus programas y cursos individuales utilizan el vocabulario y los conceptos del "Inventario de competencias", especialmente las actividades educativas asociadas a las lagunas aquí identificadas, y ajustar sus planes de estudio si es necesario.