UNIVERSITAS NEGERI YOGYAKARTA
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF BIOLOGY EDUCATION
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Bachelor of Education in Biology **MODULE HANDBOOK**

Module name:	Biology Education Business Incubation
Module level, if applicable:	Undergraduate
Code:	BIP 6260
Sub-heading,if applicable:	-
Classes,if applicable:	-
Semester:	even
Module coordinator:	Dr. Ir. Suhartini, MS
Lecturer(s):	Dr. Ir. Suhartini, MS.
Language:	Indonesian
Classification within the curriculum:	Elective course
Teaching format / class hours per week during the semester:	100 minutes lectures, 120 minutes structured activities, and 120 minutes individual studyper week
Work load:	Total workload is 91 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.
Credit points:	2 SKS (3 ECTS)
Prerequisites course(s):	Entrepreneurship
Program Learning Outcomes:	PLO4. Master basic biology and other knowledge relevant to mathematics and natural sciences.
Course Outcomes	After taking this course, the students have ability to: CO1. Understanding and explaining the understanding and incubator linkup space of Biology Education business CO2. Understand the tenant criteria (business venture): Micro, Small and Medium Enterprises According to Law no. 20 of 2008 concerning SMEs along with examples of the types of business CO3. Understand and explain and explain the Minimum Requirements for Business Management & Establishment of Business Incubators such as places and facilities for operational activities, Initial Funds and capital for tenant businesses, Guidance and training, Business Incumator Network (Partners). CO4. Understand and explain the working principle of Business Ikubator such as: In Wall and Out Wall; INBIS fosters tenants both in Inbis (In Wall) locations and outside Inbis (Out Wall)

	locations, Directly; Prospective tenants receive direct services in the form of guidance and guidance through management, capital, marketing and technology support, and network access so that prospective tenants can develop their businesses independently, Flexible; Prospective tenants can choose the type of business that suits the market needs and capabilities of the Business Incubator, Sustainable; Services are provided until tenants are able to be independent, professional; Services are provided by competent and experienced personnel and service fees; Collect fees for services provided. CO5. Understand and explain and explain the form of Incubator and its operation which is differentiated based on the business group that is fostered, both by type and scale of business CO6. Understand and explain the incubation stages. Incubator in this context is a media or a place for small and medium entrepreneurs and prospective new entrepreneurs to practice, ask questions and discuss to develop or realize their business, and to solve business management problems, both individually and in groups. CO7. Understand and explain how to motivate entrepreneurs including how to evaluate the feasibility of a business idea from a prospective business unit, how to evaluate the feasibility of a business plan, techniques to facilitate investment for prospective business units, business organizing, marketing management, financial management, g. The technique of winning competition in business, Assembled technology packages, techniques for controlling, monitoring and evaluating, creating an entrepreneurial atmosphere in the community environment and developing an innovative and independent entrepreneurial spirit. CO8. Understand and explain the Business Incubator criteria for selecting tenant candidates CO9. Understand and explain Financial & Marketing Resources CO10. Understand and explain the Work Program & Funding Design CO11. Understand and explain the partnership pattern of MSMEs (Micro, Small and Medium Enterprises) CO12. Understand and explain Initial Capital and Equivalents through an Incubator CO13. Responsible for planning, implementing and reporting biology education business incubation activities in the form of scientific articles independently and in groups.
Content:	This lecture discusses Understanding and business incubator linkup space Biology Education, tenant criteria (business venture): (Micro, Small and Medium Enterprises), Minimum Requirements for Business Management & Establishment of Business Incubator, Working Principle of Business Incubator, Form of Incubator & Operasionalisas, Stages of Incubation, entrepreneurial motivation, criteria Business incubator for selecting tenant candidates, Financial & Marketing Resources, Work & Funding Design, UMKM (Micro, Small and Medium Enterprises) partnership pattern, Initial Capital

<table>
<tr><td></td><td>and Match through Incubators</td></tr>
<tr><td>Study/examachievements:</td><td>The final mark will be weight as follow:
<table><tr><th>No</th><th>CO</th><th>Assessment Object</th><th>Assessment Technique</th><th>Weight</th></tr><tr><td>1</td><td>CO1 to CO13</td><td>Observed attitudes , knolwedge, and skills</td><td>Survey, test, rubrics and manuals</td><td>100%</td></tr><tr><td colspan="4">Total</td><td>100%</td></tr></table></td></tr>
<tr><td>Forms of media:</td><td>Model, multimedia</td></tr>
<tr><td>Reference:</td><td>A. Hubeis, Musa, 2009. Prospek Usaha Kecil Dalam Wadah Inkubator Bisnis, Ghalia Indonesia, Jakarta
B. Suryana. 2003. Kewirausahaan. Pedoman Praktis, Kiat dan Proses Menuju Sukses. Salemba Empat, Yogyakarta.
C.Tontowi, Alva Ed, 2016. Desain Produk Inovatif dan Inkubasi Bisnis Kompetetif,. Gadjah Mada University Press, YogyakartaDaftar Pustaka
Hubeis, Musa, 2009. Prospek Usaha Kecil Dalam Wadah Inkubator Bisnis, Ghalia Indonesia, Jakarta
Suryana. 2003. Kewirausahaan. Pedoman Praktis, Kiat dan Proses Menuju Sukses. Salemba Empat, Yogyakarta.
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PLO and CO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
CO1				V								
CO2				V								
CO3				V								
CO4				V								
CO5				V								
CO6				V								
CO7				V								
CO8				V								
CO9				V								
CO10				V								
CO11				V								
CO12				V								
CO13				V								