

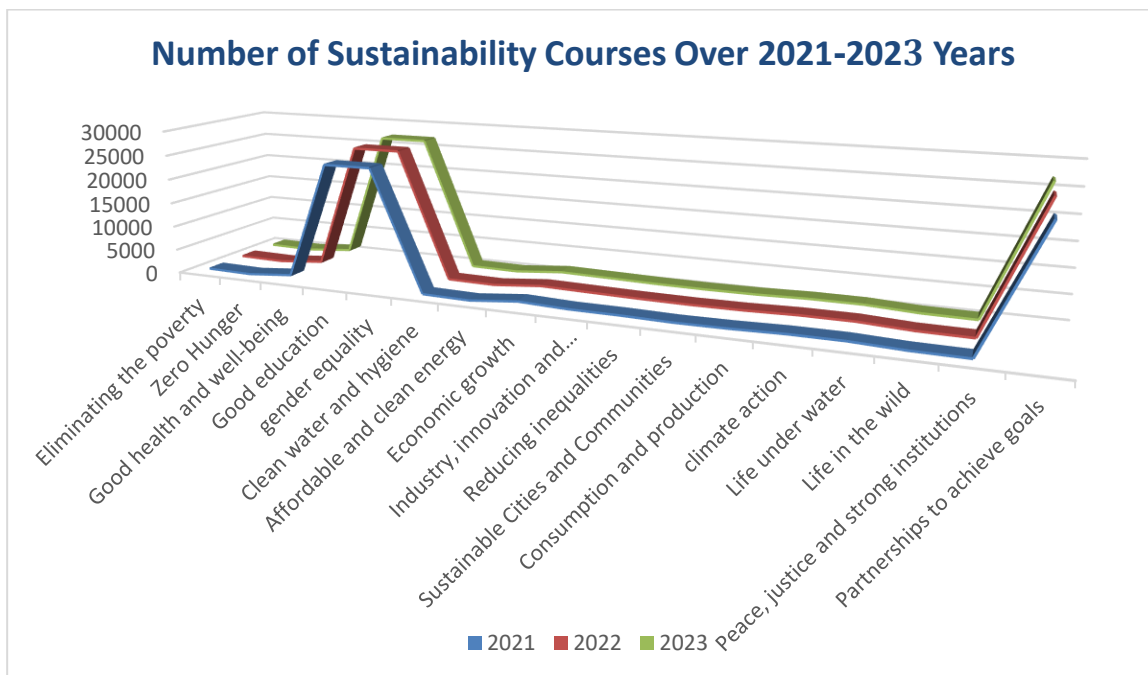


Number of Courses/Subjects Related to Sustainability Offered 26,986

Beni-Suef is a public university member of the Supreme Council of universities obeying the bylaws of the ministry of higher education and scientific research in Egypt, the undergraduate student pays around 30\$/year, further the post-graduate student pay 150\$/year.

- <https://scu.eg/>
- <https://mohehr.gov.eg/en-us/Pages/home.aspx>
- https://www.bsu.edu.eg/index.aspx?lang=en&cat_id=1

Courses per year:



Num	Target	Sustainability Topics	Faculties
1	Eliminating the poverty	1 .Literacy 2 .Community services 3 .Supporting the health system free of charge for students and faculty members	<ul style="list-style-type: none"> ▪ The university applies set of plans, in order to eliminate the poverty, through different sides, <ul style="list-style-type: none"> - Enhancing the education level, in theoretical faculties, each student needs to teach eight of uneducated people, as one of the graduation conditions, - The university provides an actual electronic support for students by providing the studying books for free http://www.ebook.bsu.edu.eg, - The university students perform a volunteer visits and help in the educational, agricultural, medical, and nursing sides,



			<p>many events are made i.e. help poor villages, far with limited resources areas.</p> <ul style="list-style-type: none"> ▪ The below list a set of courses related to eliminating the poverty with 580 courses: <ul style="list-style-type: none"> - Faculty of Developmental Social Work - Faculty of Education - Faculty Of Postgraduate Studies for Advanced sciences (<i>new departments have been added</i>) - Faculty of Special Needs Science - Faculty of Health Science - Faculty of Physiotherapy - Faculty of Medicine - Faculty of Mass Communications
2	Zero Hunger		<ul style="list-style-type: none"> ▪ 426 courses related to Zero Hunger side: <ul style="list-style-type: none"> - Faculty of Agriculture - Faculty of Veterinary - Research Institute of Medicinal and Aromatic Plants - Faculty of Economic Studies and Political Science - Faculty of Developmental Social Work
3	Good health and well-being	1. Creating and developing medicines	<ul style="list-style-type: none"> ▪ In Beni-Suef university, the faculties specialized in medical side, follow a developed method, such graduated students either under-graduated or post-graduated able to compete in the medicines developing communities, below a list of the faculties specialized in this topic with total 1250 courses: <ul style="list-style-type: none"> - Laser Institute for Research and Applications (LIRA) - Research Institute of Medicinal and Aromatic Plants - Faculty of Health Science - Faculty of Medicine - Faculty of Veterinary - Faculty of Science - Faculty of Pharmacy - Faculty of Nursing - Faculty Of Postgraduate Studies for Advanced sciences (<i>new departments have been added</i>) - Faculty of Dentistry
4	Good education	1. Development of software	<ul style="list-style-type: none"> ▪ All the university faculties support the sustainable good education sector, through high quality teaching courses, proper



		<p>2. Software development 3. Development of methodologies and teaching methods 4. Update education platforms</p>	<p>learning resources, principles of high quality learning methods, and hybrid learning methods followed either offline or online; additionally, the university has three accredited faculties marked in the provided list below, therefore, all the university faculties support the good education sector with total courses around 26,986 courses:</p> <ul style="list-style-type: none">- Institute of Elderly Sciences Studies- Laser Institute for Research and Applications (LIRA)- Research Institute of Medicinal and Aromatic Plants- Institute of Small and Medium Enterprises Studies- Faculty of Commerce- Faculty of Arts- Faculty of Education- Faculty of Law- Faculty of Physical Education- Faculty of Economic Studies and Political Science- Faculty of Education for Early Childhood- Faculty of Al-Alsun- Faculty of Developmental Social Work- Faculty of Tourism and Hotels- Faculty of Science of Navigation and Space Technology- Faculty of Special Needs Science- Faculty of Earth Science- Faculty of Applied Arts- Faculty of Health Science- Faculty of Agriculture- Faculty of Physiotherapy- Faculty of Mass Communications- Faculty of Medicine (accredited faculty)- Faculty of Veterinary (accredited faculty)- Faculty of Science- Faculty of Pharmacy (accredited faculty)- Faculty of Nursing- Faculty of Engineering new departments have been added)- Faculty of Industrial Education- Faculty of Computers and Information
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			<ul style="list-style-type: none"> - Faculty Of Postgraduate Studies for Advanced sciences (<i>new departments have been added</i>) - Faculty of Dentistry
5	gender equality		<ul style="list-style-type: none"> ▪ All the university faculties support the gender equality sector with total courses around 26,986 courses: <ul style="list-style-type: none"> - Institute of Elderly Sciences Studies - Laser Institute for Research and Applications (LIRA) - Research Institute of Medicinal and Aromatic Plants - Institute of Small and Medium Enterprises Studies - Faculty of Commerce - Faculty of Arts - Faculty of Education - Faculty of Law - Faculty of Physical Education - Faculty of Economic Studies and Political Science - Faculty of Education for Early Childhood - Faculty of Al-Asun - Faculty of Developmental Social Work - Faculty of Tourism and Hotels - Faculty of Science of Navigation and Space Technology - Faculty of Special Needs Science - Faculty of Earth Science - Faculty of Applied Arts - Faculty of Health Science - Faculty of Agriculture - Faculty of Physiotherapy - Faculty of Mass Communications - Faculty of Medicine - Faculty of Veterinary - Faculty of Science - Faculty of Pharmacy - Faculty of Nursing - Faculty of Engineering <i>new departments have been added</i>) - Faculty of Industrial Education - Faculty of Computers and Information



			<ul style="list-style-type: none"> - Faculty Of Postgraduate Studies for Advanced sciences (<i>new departments have been added</i>) - Faculty of Dentistry
6	Clean water and hygiene	<ol style="list-style-type: none"> 1. Water treatment 2. Wastewater recycling 3. Network design 	<ul style="list-style-type: none"> ▪ 544 courses related to supporting and finding sustainable solutions with the Clean water and hygiene <ul style="list-style-type: none"> - Faculty of Health Science - Faculty of Agriculture - Faculty of Veterinary - Faculty of Science - Faculty of Pharmacy - Faculty Of Postgraduate Studies for Advanced sciences (<i>new departments have been added</i>)
7	Affordable and clean energy	<ol style="list-style-type: none"> 1 . New and renewable energy 2. Battery development 3. Solar cell development 4. Green hydrogen production 	<ul style="list-style-type: none"> ▪ A 417 courses related to boosting an affordable and clean energy: <ul style="list-style-type: none"> - Laser Institute for Research and Applications (LIRA) - Faculty of Science - Faculty Of Postgraduate Studies for Advanced sciences (<i>new departments have been added</i>)
8	Economic growth	<ol style="list-style-type: none"> 1. Fight against child labor 2. International cooperation 3. Community Partnerships 4. Planning and economic growth 5. Create centers of excellence 	<ul style="list-style-type: none"> ▪ A 1265 courses related to boosting an economic growth: <ul style="list-style-type: none"> - Institute of Elderly Sciences Studies - Laser Institute for Research and Applications (LIRA) - Research Institute of Medicinal and Aromatic Plants - Institute of Small and Medium Enterprises Studies - Faculty of Commerce - Faculty of Arts - Faculty of Education - Faculty of Law - Faculty of Physical Education - Faculty of Economic Studies and Political Science - Faculty of Education for Early Childhood - Faculty of Al-Asun - Faculty of Developmental Social Work - Faculty of Tourism and Hotels



			<ul style="list-style-type: none"> - Faculty of Science of Navigation and Space Technology - Faculty of Special Needs Science - Faculty of Earth Science - Faculty of Applied Arts - Faculty of Health Science - Faculty of Agriculture - Faculty of Physiotherapy - Faculty of Mass Communications - Faculty of Medicine - Faculty of Veterinary - Faculty of Science - Faculty of Pharmacy - Faculty of Nursing - Faculty of Engineering (<i>new departments have been added</i>) - Faculty of Industrial Education - Faculty of Computers and Information - Faculty Of Postgraduate Studies for Advanced sciences (<i>new departments have been added</i>) - Faculty of Dentistry
9	Industry, innovation and infrastructure	<ol style="list-style-type: none"> 1 . Resilient Infrastructure 2. Intelligent engineering 3. Sustainable transportation 4. Construction Engineering 5. Supporting economic development 6. Encouraging small industrial enterprises 7. Support local technology development and local manufacturing 	<ul style="list-style-type: none"> ▪ Over the university faculties, 1086 courses support the industry side, searching a proper techniques i.e. solve the challenges faced, the university support the innovation side, encourage students, teaching staff members search creative solutions for faced problems, compete in international innovative competitions, the total courses 1086 distributed in the following faculties: <ul style="list-style-type: none"> - Laser Institute for Research and Applications (LIRA) - Research Institute of Medicinal and Aromatic Plants - Institute of Small and Medium Enterprises Studies - Faculty of Commerce - Faculty of Economic Studies and Political Science - Faculty of Developmental Social Work - Faculty of Earth Science - Faculty of Agriculture - Faculty of Science - Faculty of Engineering(<i>new departments have been added</i>) - Faculty of Computers and Information



			<ul style="list-style-type: none"> - Faculty Of Postgraduate Studies for Advanced sciences (<i>new departments have been added</i>)
10	Reducing inequalities	<ol style="list-style-type: none"> 1. Disability Inclusion 2. Caring for the elderly and women 	<ul style="list-style-type: none"> ▪ All the university faculties boost the eliminating of inequalities, either among men and women, or humans with different cultures, living levels, the total courses around courses 892: <ul style="list-style-type: none"> - Institute of Elderly Sciences Studies - Faculty of Education - Faculty of Law - Faculty of Education for Early Childhood - Faculty of Developmental Social Work - Faculty of Special Needs Science - Faculty of Health Science - Faculty of Physiotherapy - Faculty of Medicine - Faculty of Pharmacy - Faculty of Nursing
11	Sustainable Cities and Communities	<ol style="list-style-type: none"> 1. Reducing risks and disasters 2. National strategies for sustainable development 3. Reducing environmental pollution 4. Intelligent Architecture 	<ul style="list-style-type: none"> ▪ Total 822 courses support Sustainable Cities and Communities: <ul style="list-style-type: none"> - Laser Institute for Research and Applications (LIRA) - Research Institute of Medicinal and Aromatic Plants - Institute of Small and Medium Enterprises Studies - Faculty of Earth Science - Faculty of Agriculture - Faculty of Science - Faculty of Engineering - Faculty of Computers and Information - Faculty Of Postgraduate Studies for Advanced sciences (<i>new departments have been added</i>)
12	Consumption and production	<ol style="list-style-type: none"> 1 . Encouraging local production and reducing consumption 2. Waste recycling 3. Sustainable tourism 	<ul style="list-style-type: none"> - Total 890 courses support Consumption and production: <ul style="list-style-type: none"> - Laser Institute for Research and Applications (LIRA) - Research Institute of Medicinal and Aromatic Plants



		<p>4. Electronic waste 5. Reduce the use of plastic 6. Fish farms and poultry production 7. Sustainable Agriculture</p>	<ul style="list-style-type: none"> - Institute of Small and Medium Enterprises Studies - Faculty of Industrial Education - Faculty of Developmental Social Work - Faculty of Earth Science - Faculty of Health Science - Faculty of Agriculture - Faculty of Veterinary - Faculty of Science - Faculty Of Postgraduate Studies for Advanced sciences (new departments have been added)
13	climate action	<p>1 . Reduce carbon dioxide emissions 2. Reducing emissions from factories 3. Using smart car systems 4. Resistance to desertification 5. Reduce global warming</p>	<ul style="list-style-type: none"> ▪ Total 1136 courses support climate action: <ul style="list-style-type: none"> - Institute for Research and Applications (LIRA) - Research Institute of Medicinal and Aromatic Plants - Institute of Small and Medium Enterprises Studies - Faculty of Economic Studies and Political Science - Faculty of Developmental Social Work - Faculty of Science of Navigation and Space Technology - Faculty of Earth Science - Faculty of Applied Arts - Faculty of Agriculture - Faculty of Science - Faculty of Industrial Education - Faculty of Computers and Information - Faculty Of Postgraduate Studies for Advanced sciences (new departments have been added)
14	Life under water	<p>1. Paying attention to fish farming and aquatic plants 2. The National Sustainability Strategy 3. Conserving the waters of the seas and oceans</p>	<ul style="list-style-type: none"> ▪ The university contribute in the plans for protection of underwater life and creatures, through the research specialized groups, hold events, discussing and teaching the national sustainability strategies, and under water life balance, there are 1130 courses boost these strategies.



		<p>4. Reducing water pollution</p> <p>5. Ground water</p>	<ul style="list-style-type: none"> - Research Institute of Medicinal and Aromatic Plants - Institute of Small and Medium Enterprises Studies - Faculty of Arts - Faculty of Education - Faculty of Developmental Social Work - Faculty of Tourism and Hotels - Faculty of Science of Navigation and Space Technology - Faculty of Earth Science - Faculty of Health Science - Faculty of Agriculture - Faculty of Veterinary - Faculty of Science - Faculty of Industrial Education - Faculty Of Postgraduate Studies for Advanced sciences (new departments have been added)
15	Life in the wild	<p>1. Biodiversity</p> <p>2. National Sustainability Strategies</p> <p>3. Protection of ecosystems</p>	<ul style="list-style-type: none"> ▪ The university share in protection of ecosystems, through the research methodologies, ecosystems' related events, discussing and teaching the national sustainability strategies, and wild life balance, disorders in the ecosystems, there are 618 courses boost these strategies. <ul style="list-style-type: none"> - Laser Institute for Research and Applications (LIRA) - Research Institute of Medicinal and Aromatic Plants - Institute of Small and Medium Enterprises Studies - Faculty of Science of Navigation and Space Technology - Faculty of Earth Science - Faculty of Agriculture - Faculty of Veterinary - Faculty of Science - Faculty Of Postgraduate Studies for Advanced sciences (new departments have been added)
16	Peace, justice and strong institutions	<p>1 . Enacting laws</p> <p>2. External relations</p> <p>3. Spreading Peace</p>	<ul style="list-style-type: none"> ▪ The university takes a stable plans towards sensing and boosting the climate of peace among humans together and humans dealing with other environmental creature's, justice



		<p>4. Industry and decision-making 5. Combating violence</p>	<p>among community members through eliminating inequalities, further, the university students' need to study the "Human Rights" course as an obligatory course for graduation, there are 530 courses boost these behaviors.</p> <ul style="list-style-type: none"> - Faculty of Arts - Faculty of Education - Faculty of Law - Faculty of Economic Studies and Political Science - Faculty of Developmental Social Work - Faculty of Mass Communications - Faculty of Computers and Information - Faculty Of Postgraduate Studies for Advanced sciences (new departments have been added)
<p>17</p>	<p>Partnerships to achieve goals</p>	<p>1 . Establishing internal and external partnerships and protocols that achieve all sustainable development goals.</p>	<ul style="list-style-type: none"> ▪ All the university faculties, support the partnership, and grouping either on the teaching staff, the HR employees, or student's families and groups, research groups, there are 26,986 courses boost the partnerships and collaborative work towards achieving the goals. - Institute of Elderly Sciences Studies - Laser Institute for Research and Applications (LIRA) - Research Institute of Medicinal and Aromatic Plants - Institute of Small and Medium Enterprises Studies - Faculty of Commerce - Faculty of Arts - Faculty of Education - Faculty of Law - Faculty of Physical Education - Faculty of Economic Studies and Political Science - Faculty of Education for Early Childhood - Faculty of Al-Alsun - Faculty of Developmental Social Work - Faculty of Tourism and Hotels - Faculty of Science of Navigation and Space Technology - Faculty of Special Needs Science



			<ul style="list-style-type: none"> - Faculty of Earth Science - Faculty of Applied Arts - Faculty of Health Science - Faculty of Agriculture - Faculty of Physiotherapy - Faculty of Mass Communications - Faculty of Medicine - Faculty of Veterinary - Faculty of Science - Faculty of Pharmacy - Faculty of Nursing - Faculty of Engineering - Faculty of Industrial Education - Faculty of Computers and Information - Faculty Of Postgraduate Studies for Advanced sciences (new departments have been added) - Faculty of Dentistry
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Description:

Above is a list of the provided courses in Beni-Suef university that have a forward effect towards the long-term sustainability plans followed by the university, there is a followed plan to refresh courses' content according to the current sustainability needs and issues raised globally, the total courses in all the faculties are **26,986** courses, in the additional links the attached excel file [link](#) collected from the sources <http://www.ebook.bsu.edu.eg/>.

Many theses from the faculty of Graduate Studies and Advanced Sciences are interested in the field of renewable energy such as; a) improving the performance of quantum dot-fueled solar cells using different anometric materials, b) study and design of a hybrid renewable energy system (sun cells, wind energy, ioenergy), c) maximizing the share of renewable energy in the Egyptian energy model in 2040, d) design and implementation of a high-performance control system for a renewable energy system consisting of solar cells and batteries, e) exploitation and use of cement dust in solar cell applications, f) design of a hybrid renewable energy system for a typical building in a village far from Egypt, g) saving electricity using the solar tube, h) optimizing control and design of a powerful hybrid electrical system of solar cells and fuel cells, i) preparation of some nanometric materials by different chemical methods and study of their applications in solar cells, j) Modeling and simulation of inorganic perovskite materials for solar energy harvesting, and many others.

Many Masters and doctoral theses are interested in the field of energy such as;

1. preparation of some nanometric materials by different chemical methods and study of their applications in solar cells
2. scientific and computer studies on renewable energy systems that contain plastic wastes
3. Selection of some hybrid nanomaterials for fuel cell applications
4. effects of vacancies on the physical and catalytic properties of iron nanocomposites for energy applications



5. Modeling and optimization of advanced energy systems using artificial intelligence

approaches

6. preparation and characterization of nanocomposites based on organometallic structures for fuel purification: experimental and computational studies
7. metal-organic nanostructures complexes as electrocatalysts in energy applications
8. oils extracted from wastewater algae communities as a source for biofuel production
9. converting oil to biofuel using nanometric materials
10. Dual applications of duckweed in wastewater treatment and biofuel production
11. nanoelectrochemical catalysts and their uses in direct methanol fuel cells
12. Nickel based nanoelectrocatalysts and their applications in fuel cells
13. compact design of energy-efficient nanomaterials for energy applications
14. applications of nanocomposites of palladium and carbonate for fuel cells
15. using data-driven computer learning to improve advanced power equipment.
16. preparation and investigation of carbon nanocomposites doped with transition element dichalcogenides for fuel cell applications
17. nanoscale materials based on molybdenum and tungsten for direct methanol fuel cells
18. the use of nanometric hybrid metal sulfides in energy storage systems

Set of new Departments have been added

Beni-Suef university opened a new departments in various faculties either on the undergraduate programs or postgraduates levels (i.e. diploma, Msc. And Phd.) studies, these new programs added additional courses support the sustainability goals via various levels.

Faculty Of Postgraduate Studies for Advanced sciences, Faculty of Science, Faculty of Engineering, Faculty of Veterinary (have two new sustainable department Medicine-Biochemistry and nutritional chemistry) and new diploma program i.e. Occupational safety and health diploma, Faculty of Commerce opened new professional postgraduates.

<https://www.facebook.com/MBA.DBA2020/>

https://www.psas.bsu.edu.eg/ContentSide.aspx?section_id=11759&cat_id=18

https://www.psas.bsu.edu.eg/Content.aspx?section_id=450&cat_id=18

https://www.vet.bsu.edu.eg/ContentSide.aspx?section_id=1485&cat_id=11

https://www.vet.bsu.edu.eg/ContentSide.aspx?section_id=4566&cat_id=11

Bachelor of Technology Program in Production Mechanics, Faculty of Industrial Education.

Bachelor of Technology Program in Refrigeration and Air Conditioning, Faculty of Industrial Education.

Bachelor of Technology Program in Electricity, Faculty of Industrial Education.

Biotechnology and Genetic Engineering Program, Faculty of Science.

Environment and Occupational Safety Program, Faculty of Science.

Accounting and International Finance Program, Faculty of Commerce.

Accounting in Institutions and Financial Markets Program, Faculty of Commerce.

Political Media Program, Faculty of Mass Communication.

Surveying and Geographic Information Systems Program, Faculty of Arts.



Professional master degree in integrated management of environment and water

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جامعة بنى سويف
كلية الدراسات العليا للعلوم المتقدمة
قسم علوم البيئة والتنمية الصناعية



برنامج الماجستير المهني في الإدارة المتكاملة للبيئة والمياه

محتوى علمي حديث ومتكامل

يغطي المنهج طبقاً واسعاً من الموضوعات الحيوية والحديثة، مثل:

- الاستدامة والكيمياء الخضراء
- نمذجة المياه الجوفية
- تغير المناخ والتكيف معه
- نظم المعلومات الجغرافية (GIS)
- تقييم دورة الحياة (LCA)
- والاستشعار عن بعد
- تقنيات النانو والتقنية الحيوية
- السياسات المائية والتشريعات
- البيئة والاقتصاد

مشروعات بحثية تطبيقاتية

يخصص البرنامج 6 ساعات معتمدة لمشروعين بحثيين، مما يعزز قدرة الطالب على إجراء البحوث التطبيقية وحل المشكلات العملية بشكل مستقل، وهي مهارة بالغة الأهمية في المجال المهني.

مرونة في المقررات الدراسية

مدة الدراسة عامين ويتميز البرنامج بوجود مقررات اختيارية (18 ساعة معتمدة) بجانب المقررات الأساسية، مما يسمح للطلاب بتخصيص مساره التعليمي وفقاً لاهتماماته واحتياجات سوق العمل.



مميزات البرنامج

- البرنامج مصمم لتزويد الخريجين بخلفية عملية ومهنية قوية، وليس فقط المعرفة الأكاديمية، فهو يجمع بين المحاضرات النظرية، والجلسات العملية، وورش العمل، والمشاريع التطبيقية التي تعكس مشاكل حقيقية في مجال إدارة المياه والبيئة.

رؤية تلبي احتياجات سوق العمل

صُمم البرنامج خصيصاً لتلبية الطلب المتزايد على الكوادر المدربة في مجالات حيوية مثل:

- إدارة المياه والبيئة
- أمن المياه (Water Security)
- الجوانب البيئية للصناعة
- معالجة المياه والصرف الصحي.

متطلبات الالتحاق بالبرنامج

يتم قبول الطلبة الحاصلين على المؤهلات العلمية الآتية:

- جميع الكليات العملية (العلوم - الصيدلة - الهندسة - الطب البيطري - الزراعة - العلوم الصحية التطبيقية - التعليم الصناعي)
- الجامعة العمالية (4 سنوات)
- التربية (الكيمياء - الفيزياء - البيولوجي)

مواعيد التقدم للالتحاق بالبرنامج :- من 10 أغسطس الى 20 سبتمبر

- المستندات المطلوبة:-**
- 1- صورة البطاقة
 - 2- 6 صور شخصية
 - 3- اصل شهادة الكالوريوس
 - 4- اصل بيان الدرجات للاربع سنوات
 - 5- اصل شهادة الميلاد

للتواصل مع قسم علوم البيئة والتنمية الصناعية



حرم جامعة بنى سويف - شرق النيل

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<https://www.facebook.com/photo/?fbid=122105068910544601&set=pcb.122105070800544601>

Faculties that obtained the Quality and accreditation awarded



الهيئة القومية لضمان جودة التعليم والاعتماد



شهادة اعتماد

تشهد الهيئة القومية لضمان جودة التعليم والاعتماد أن:

كلية الصيدلة - جامعة بني سويف

قد استوفت معايير الاعتماد المؤسسي، وقد تم اعتمادها بقرار مجلس إدارة الهيئة

رقم ٢١٥ بتاريخ ٢٨/٣/٢٠٢٢

د. محمد
رئيس مجلس إدارة الهيئة
د.د. يوهانس يحيى عيد



تنتهي صلاحية هذه الشهادة في:
٢٠٢٧/٣/٢٧

تسري صلاحية هذه الشهادة لمدة خمس سنوات، وتخضع المؤسسة طوال هذه الفترة للمتابعة والمراجعة طبقاً لنص المادة ٨، ٩ من اللائحة التنفيذية لقانون إنشاء الهيئة.



الهيئة القومية لضمان جودة التعليم والاعتماد



شهادة اعتماد

تشهد الهيئة القومية لضمان جودة التعليم والاعتماد أن:

كلية الطب - جامعة بني سويف

قد استوفت معايير الاعتماد المؤسسي، وقد تم اعتمادها بقرار مجلس إدارة الهيئة

رقم ٢٠٢ بتاريخ ٢٧/١/٢٠٢١

د. محمد
رئيس مجلس إدارة الهيئة
د.د. يوهانس يحيى عيد



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٢٠٢٦/١/٢٧

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Production Technology Program, its study materials and credit hours

لائحة البرامج التكنولوجية 2020

الباب الثاني | برنامج تكنولوجيا الإنتاج.

توزيع المقررات الدراسية :

► First Semester							
No	Course code	Course name	إسم المقرر	Lecture	Tutorial	Lab/workshop	Equivalent Created Hours
1	UNI101	Human Rights and Anti-Corruption	حقوق إنسان ومكافحة الفساد	1	0	0	1
2	FAC101	Applied Mathematics (1)	رياضيات تطبيقية (1)	2	2	0	3
3	FAC102	General science	العلوم العامة	2	0	3	3
4	FAC103	English Language	لغة انجليزية	2	2	0	3
5	FAC104	Introduction to Technology	مدخل تكنولوجيا	2	0	3	3
6	FAC105	Technical Drawing	الرسم فني	0	4	0	2
7	PRT101	Basics of Electrical and Electronics Technology	أساسيات تكنولوجيا الكهرباء والالكترونيات	1	0	3	2
27		Total Hours		10	8	9	17
		Percentage %		37	30	33	
► Second Semester							
No	Course code	Course name	إسم المقرر	Lecture	Tutorial	Lab/workshop	Equivalent Created Hours
1	FAC106	Applied Mathematics (2)	رياضيات تطبيقية (2)	2	2	0	3
2	FAC107	Applied Chemistry	كيمياء تطبيقية	2	0	3	3
3	FAC108	Computer Processing Technology	تكنولوجيا المعالجة بالحاسوب	1	0	3	2
4	FAC109	Technical English Language (1)	لغة انجليزية فنية (1)	1	2	0	2
5	FAC110	Applied Physics	فيزياء تطبيقية	2	0	3	3
6	PRT102	Production Technology & Workshops	تكنولوجيا الإنتاج والورش	1	0	6	3
28		Total Hours		9	4	15	16
		Percentage %		32	14	54	

متطلبات الجامعة (orange) متطلبات الكلية (blue) متطلبات مهارات القرن 21 (green) متطلبات القسم (yellow)



<https://www.facebook.com/photo/?fbid=122100998780544601&set=a.122100997916544601>

بشرى سارة

- لطلاب دبلوم المدارس الثانوية الصناعية (ثلاث سنوات-خمس سنوات)
والمدارس التكنولوجية التطبيقية والمعاهد التكنولوجية وما يعادلها
- لطلاب الثانوية العامة - علمي (الرياضيات)
فرصة بالتعليم الأكاديمي التكنولوجي من خلال الالتحاق
بالبرامج التكنولوجية (**بمصرفات**) بكلية التكنولوجيا والتعليم بجامعة بني سويف.



البرامج التعليمية

« برنامج تكنولوجيا الانتاج
« برنامج تكنولوجيا الصناعات النسيجية
« برنامج تكنولوجيا الالكترونيات الصناعية والتحكم
« برنامج تكنولوجيا التشييد والبناء



2025

بكالوريوس التكنولوجيا

كلية التكنولوجيا والتعليم - جامعة بني سويف



المزايا ومجالات العمل

« الحصول على درجة البكالوريوس في التكنولوجيا وحق الالتحاق بنقابة التكنولوجيين.
« تدريب الطلاب في كبرى الشركات والمصانع في مجال التخصص أثناء الدراسة.
« اكتساب الخبرات الفنية والعملية في مجال التخصص.
« فرص لاستكمال الدراسات العليا في مجال التخصص (ماجستير - دكتوراه)

بادر بجعل الكلية من الأولويات فى تسجيل رغباتك
يكون الالتحاق بالكلية من خلال مكتب التنسيق

01126598782

<http://www.techedu.bsu.edu.eg/>





Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

<https://fb.watch/foDltpkAzo/>
<https://docs.google.com/spreadsheets/d/1Ebz-xrDBT7DnH5NfrLSKc3GDy-l9ZVjd/edit?usp=sharing&ouid=104921387160669772520&rtpof=true&sd=true>

Good Education (Beni-Suef Accredited Faculties):

https://naqaae.eg/ar/accredited_organization/accredited_he

The screenshot displays the NAQAAE website interface for Higher Education accreditation. The page title is "Higher Education" and the breadcrumb is "Home > Accredited Organization". There is a "Reset" button in the top right corner. Below the header, there are filters for "جامعة بني سويف", "Select College", "Select Type", and a search bar. The main content is a table with the following columns: College, Program name, University, Type, Start At, End At, and Decision. The table lists three accredited programs from Beni-Suef University.

College	Program name	University	Type	Start At	End At	Decision
كلية الصيدلة	-	جامعة بني سويف	مؤسسي (كليات ومعاهد)	Mar 28, 2022	Mar 27, 2027	اعتماد
كلية الطب	-	جامعة بني سويف	مؤسسي (كليات ومعاهد)	Jan 27, 2021	Jan 27, 2026	اعتماد
كلية الطب البيطري	-	جامعة بني سويف	مؤسسي (كليات ومعاهد)	Sep 25, 2019	Sep 25, 2024	اعتماد

Closing Ceremony for the Qualification and Training of 80 Students at the Faculty of Science at Titan Egypt Cement Group:

https://youtu.be/TE6ENWWk_cY

Examples of the faculties' courses:



Course Name	Faculty	Department	Level	Term
Religious Studies (1)	College of Education	Arabic (basic)	third year	first semester
Methods of teaching specialty subject	College of Education	Arabic language (basic)	third year	first semester
Adult Psychology	College of Education	Arabic language (basic)	third year	first semester
Practical Education	College of Education	Arabic (basic)	third year	first semester
Grammar and morphology (1)	College of Education	Arabic language (basic)	third year	first semester
Pre-Islamic and Islamic literature and their text	College of Education	Arabic language (essential)	third year	first semester
Analytical reading	College of Education	Arabic language (basic)	third year	first semester
Children's stories	College of Education	Arabic language (basic)	third year	first semester
Rhetoric	College of Education	Arabic language (basic)	third year	second semester
Language training and error analysis	College of Education	Arabic (basic)	third year	second semester
Practical Education	College of Education	Arabic (basic)	third year	second semester
The history of primary education and its problems	Faculty of Education	Arabic language (basic)	third year	second semester
Educational technology and teaching aids	College of Education	Arabic language (basic)	third year	second semester
Linguistics (Voices)	College of Education	Arabic (basic)	third year	second semester
Grammar and morphology (2)	College of Education	Arabic language (basic)	third year	second semester
Religious Studies (2)	College of Education	Arabic (basic)	third year	second semester
Religious Studies (1)	College of Education	Arabic (basic)	fourth year	first semester

Course Name	Faculty	Department	Level	Term
Practical Education	College of Education	Arabic (basic)	fourth year	first semester
Primary education systems in different countries	College of Education	Arabic language (basic)	fourth year	first semester
Psychological counseling for children and adults	College of Education	Arabic language (basic)	fourth year	first semester
Grammar and morphology (1)	College of Education	Arabic (basic)	fourth year	first semester
Modern Literary Criticism	College of Education	Arabic (basic)	fourth year	first semester
Linguistic studies in dictionaries and semantics	College of Education	Arabic (basic)	fourth year	first semester
Elementary school administration	College of Education	Arabic language (basic)	fourth year	second semester
Practical Education	College of Education	Arabic (basic)	fourth year	second semester
Educational calendar and statistics for children	College of Education	Arabic language (basic)	fourth year	second semester
Analytical reading	College of Education	Arabic language (basic)	fourth year	second semester
Abbasi literature and texts (2)	College of Education	Arabic language (basic)	fourth year	second semester
Poetry music	College of Education	Arabic language (basic)	fourth year	second semester
Folk literature	College of Education	Arabic language (basic)	fourth year	second semester
Egyptian literature	Faculty of Education	Arabic language (basic)	fourth year	second semester
Grammar and morphology (2)	College of Education	Arabic language (basic)	fourth year	second semester
Religious Studies (2)	College of Education	Arabic (basic)	fourth year	second semester
Practical Education	College of Education	Social Studies (basic)	third year	first semester



Course Name	Faculty	Department	Level	Term
Principles of Education and Psychology	College of Education	Chemistry and Physics	first year	first semester
Organic Chemistry	College of Education	Chemistry and Physics	first year	first semester
Physics (thermal)	College of Education	Chemistry and Physics	first year	first semester
Biological Sciences (Animal)	College of Education	Chemistry and Physics	first year	first semester
Sports (1) purely	College of Education	Chemistry and Physics	first year	first semester
General and Analytical Chemistry	College of Education	Chemistry and Physics	first year	first semester
Physics (Electricity and Magnetism)	College of Education	Chemistry and Physics	first year	first semester
Population Education	College of Education	Chemistry and Physics	first year	second semester
Physics (Light)	College of Education	Chemistry and Physics	first year	second semester
Physics (Material and Positive Properties)	College of Education	Chemistry and Physics	first year	second semester
Biological Sciences (Plant)	College of Education	Chemistry and Physics	first year	second semester
Biological Sciences (Geology)	College of Education	Chemistry and Physics	first year	second semester
Applied Mathematics (2)	College of Education	Chemistry and Physics	first year	second semester
Physical Chemistry	College of Education	Chemistry and Physics	first year	second semester
Curriculum and educational technology	College of Education	Chemistry and Physics	second year	first semester
History of Education	College of Education	Chemistry and Physics	second year	first semester
Scientific and Human Education	College of Education	Chemistry and Physics	second year	first semester
Course Name	Faculty	Department	Level	Term
Geology	College of Education	Chemistry and Physics	second year	first semester
Organic Chemistry	College of Education	Chemistry and Physics	second year	first semester
Physical Chemistry	College of Education	Chemistry and Physics	second year	first semester
Developmental Psychology	College of Education	Chemistry and Physics	second year	second semester
English Language	College of Education	Chemistry and Physics	second year	second semester
Physics (electromagnetism)	College of Education	Chemistry and Physics	second year	second semester
Dynamics Physics	College of Education	Chemistry and Physics	second year	second semester
Biological Sciences (Animal)	College of Education	Chemistry and Physics	second year	second semester
Math (2) Algebra and differential equations	College of Education	Chemistry and Physics	second year	second semester
Education and Community Problems	College of Education	Chemistry and Physics	second year	second semester
Teaching methods	College of Education	Physics	third year	first semester
Educational psychology	College of Education	Physics	third year	first semester
Practical Education	College of Education	Physics	third year	first semester
Mathematics	College of Education	Physics	third year	first semester
Education system and its administration	College of Education	Physics	third year	first semester
Physical and General Chemistry	College of Education	Physics	third year	first semester
Physics (atomic)	College of Education	Physics	third year	first semester



Course Name	Faculty	Department	Level	Term	
Organic Chemistry	College of Education	Physics	third year	second semester	
Physics (theory)	College of Education	Physics	third year	second semester	
Physics (Nuclear)	College of Education	Physics	third year	second semester	
Physics (Ultrasonics and Statistics)	College of Education	Physics	third year	second semester	
Practical Education	College of Education	Physics	third year	second semester	
Philosophical Fundamentals of Education	College of Education	Physics	fourth year	first semester	
Practical Education	College of Education	Physics	fourth year	first semester	
Mental health and social psychology	College of Education	Physics	fourth year	first semester	
Physics (Nuclear)	College of Education	Physics	fourth year	first semester	
Physics (Quantum Physics)	College of Education	Physics	fourth year	first semester	
Physics (electromagnetism and biophysics)	Faculty of Education	Physics	fourth year	first semester	
Organic Chemistry	College of Education	Physics	fourth year	first semester	
Mathematics	College of Education	Physics	fourth year	first semester	
Teaching methods	College of Education	Physics	fourth year	second semester	
Comparative Education	College of Education	Physics	fourth year	second semester	
Educational psychology	evaluation and measure	College of Education	Physics	fourth year	second semester
Physics (atomic + partial)	Faculty of Education	Physics	fourth year	second semester	
Course Name	Faculty	Department	Level		
Remote sensing 2	College of Navigation and Space Technology	Space Navigation	Fifth level		
Structure dynamics	College of Navigation and Space Technology	Space Navigation	Fifth level		
Numerical methods in structural analysis	College of Navigation and Space Technology	Space Navigation	Fifth level		
Satellite Design	College of Navigation and Space Technology	Space Navigation	Fifth level		
Rocket design	College of Navigation and Space Technology	Space Navigation	Fifth level		
Operations and Management Research	College of Navigation and Space Technology	Space Navigation	Fifth level		
Joint Friction Science	College of Navigation Science and Space Technology	Space Navigation	Fifth level		
The principles of the spacecraft structure	the College of Navigation and Space Technology	Space Navigation	Fifth level		
Gyroscopic systems	College of Navigation and Space Technology	Space Navigation	Fifth level		
Mobile control systems	College of Navigation Science and Space Technology	Space Navigation	Fifth level		
Control of unconfirmed systems (strong)	College of Navigation Science and Space Technology	Space Navigation	Fifth level		
Robots	College of Navigation and Space Technology	Space Navigation	Fifth level		
Determining and estimating adaptive control	College of Navigation Science and Space Technology	Space Navigation	Fifth level		
Modern control in space systems	College of Navigation and Space Technology	Space Navigation	Fifth level		
Vehicle dynamics and space control	College of Navigation and Space Technology	Space Navigation	Fifth level		
Fun control	College of Navigation and Space Technology	Space Navigation	Fifth level		
Space Vehicle Systems and Devices	College of Navigation and Space Technology	Space Navigation	Fifth level		



Course Name	Faculty	Department	Level
Electronic spacecraft and electrical systems	College of Navigation Science and Space Technology	Space Navigation	Fifth level
Rocket and Projectile Aerodynamics	College of Navigation Science and Space Technology	Space Navigation	Fifth level
The dynamic design for space vehicles	College of Navigation and Space Technology	Navigation	Fifth level
The dynamic design of missiles and projectiles	College of Navigation and Space Technology	Space Navigation	Fifth level
Analysis and improvement spacecraft performance	College of Navigation and Space Technology	Space Navigation	Fifth level
Wind design and performance turbines	College of Navigation and Space Technology	Space Navigation	Fifth level
Space Transport Organization and Economics	College of Navigation Science and Space Technology	Space Navigation	Fifth level
Competition	College of Navigation and Space Technology	Space Navigation	Fifth level
Simulation and control spacecraft engine	College of Navigation and Space Technology	Space Navigation	Fifth level
The basics of the spacecraft	the College of Navigation and Space Technology	Space Navigation	Fifth level
Design Basics Rocket Engine	College of Navigation Science and Space Technology	Space Navigation	Fifth level
Principles of the spacecraft engine	College of Navigation Science and Space Technology	Space Navigation	Fifth level
Maintenance and reliability management	College of Navigation and Space Technology	Space Navigation	Fifth level
Introduction to Programming 1	College of Navigation and Space Technology	College of Navigation	First Level
Physics 1	College of Navigation and Space Technology	College of Navigation	first level
Mathematics 1	College of Navigation and Space Technology	College of Navigation	first level
Chemistry	College of Navigation and Space Technology	College of Navigation	first level
Introduction to Space Sciences 1	College of Navigation and Space Technology	College of Navigation	first level
Course Name	Faculty	Department	Level
Mechanics	College of Navigation and Space Technology	College of Navigation	first level
Introduction to programming 2	College of Navigation and Space Technology	College of Navigation	first level
Physics 2	College of Navigation and Space Technology	College of Navigation	first level
Mathematics 2	College of Navigation and Space Technology	College of Navigation	first level
Engineering and projection drawing	College of Navigation and Space Technology	College of Navigation	first level
Introduction to Space Sciences 2	College of Navigation and Space Technology	College of Navigation	first level
Community Issues	College of Navigation and Space Technology	Applied Sciences for Space	First Level
Community Issues	College of Navigation and Space Technology	College of Navigation	first level
Field Training 1	College of Navigation Science and Space Technology	Space Navigation	third level
Introduction to included systems	College of Navigation Science and Space Technology	Space Navigation	Fifth level
Digital communication and coding	College of Navigation Science and Space Technology	Space Navigation	Fifth level
Define processors and applications	College of Navigation Science and Space Technology	Space Navigation	Fifth level
Numerical methods in construction analysis	College of Navigation Science and Space Technology	Space Navigation	Fourth level



Course Name	Faculty	Department	Level
Medical material related to specialization	nursing technical institute	specialized diploma in nursing	second level
English Language (3)	Nursing Technical Institute	Specialized Diploma in Nursing	Second level
The nursing practice based on the guide	a nursing technical institute	the specialized diploma in nursing	the second level
Health services management systems	nursing technical institute	specialized diploma in nursing	second level
Practical training on advanced specialized n	Nursing Technical Institute	Specialized Diploma in Nursing	Second level
Practical training on advanced specialized n	Nursing Technical Institute	Specialized Diploma in Nursing	Second level
The basics of nursing	nursing technical institute	diploma in the bridging program	first level
Internal and surgical nursing	nursing technical institute	diploma in the bridging program	first level
Anatomy	Nursing Technical Institute	Diploma Diploma	First Level
Physiological	Nursing Technical Institute	Diploma Diploma	First Level
Microbiology	Nursing Technical Institute	Diploma Diploma	First Level
Health evaluation	nursing technical institute	diploma in the bridging program	first level
English language	nursing technical institute	diploma in the bridging program	first level
Mother and newborn health nursing	nursing technical institute	diploma in the bridging program	first level
Applied nutrition	Nursing Technical Institute	Diploma Diploma	First Level
Medicines	Nursing Technical Institute	Diploma Diploma	First Level
Introduction to research methods	nursing technical institute	diploma in the bridging program	first level
Baby Nursing	Nursing Technical Institute	Diploma Diploma	First Level
English language	nursing technical institute	diploma in the bridging program	first level
Community Health Nursing	Nursing Technical Institute	Diploma Diploma	First Level
Pupils	Nursing Technical Institute	Diploma Diploma	First Level
Course Name	Faculty	Department	Level
Education and Health Education Strategies	Nursing Technical Institute	Diploma Diploma	First Level
Analytical Statistics	Nursing Technical Institute	Diploma Diploma	First Level
Nursing Administration	Nursing Technical Institute	Diploma Diploma	First Level
Department of Mental and Mental Health	Nursing Technical Institute	Diploma Diploma	First Level
English language	nursing technical institute	diploma in the bridging program	first level
Community Issues	Nursing Technical Institute	Specialized Diploma in Nursing	Second level
Community Issues	Nursing Technical Institute	Diploma Diploma	First Level
Community Issues	Nursing Technical Institute	Diploma of the Technical Institute for	Second Division
Science House	Open Education Colleges at the	Dar Al Uloom	first level
Space Environment 1	College of Navigation and Space	Applied Sciences for Space and Nav	Fourth level
History and Philosophy of Science	College of Navigation and Space	College of Navigation and Space Tec	first level
Physics 3	College of Navigation and Space	Applied Sciences for Space and Nav	Second level
Mechanics 2	College of Navigation and Space	Applied Sciences for Space and Nav	Second level
Electronics 1	College of Navigation and Space	Applied Sciences for Space and Nav	Second level
Space Environment	College of Navigation and Space	Applied Sciences for Space and Nav	Second level
The basics of space system engineering	College of Navigation and Space	Applied Sciences for Space and Nav	Second level
Introduction to Astronomical Dynamics	College of Navigation and Space	Applied Sciences for Space and Nav	Second level
The basics of GNS	College of Navigation and Space	Applied Sciences for Space and Nav	Second level
Mathematics 3	College of Navigation and Space	Applied Sciences for Space and Nav	second level
Mathematics 4	College of Navigation and Space	Applied Sciences for Space and Nav	second level
Orbits I	College of Navigation and Space	Applied Sciences for Space and Nav	Second level
Course Name	Faculty	Department	Level
The basics of thermal dynamics	the College of Navigation and Space	the Applied Sciences Program for Space	the second level
Space task analysis 1	College of Navigation and Space	Applied Sciences for Space and Nav	Second level
Mathematics techniques and definition of G	College of Navigation and Space	Applied Sciences for Space and Nav	Second level
Remote sensing 1	College of Navigation and Space	Applied Sciences for Space and Nav	Second level
Design and enjoyment of sub -satellite syste	College of Navigation and Space	Applied Sciences for Space and Nav	Second level
Electronics 2	College of Navigation and Space	Applied Sciences for Space and Nav	Second level
Materials Science	College of Navigation and Space	Applied Sciences for Space and Nav	third level
Thermodynamics	College of Navigation and Space	Applied Sciences for Space and Nav	third level
Country mechanics 2	College of Navigation and Space	Applied Sciences for Space and Nav	third level