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| <br><b>FLORIDA ATLANTIC UNIVERSITY</b>  | <b>NEW/CHANGE PROGRAM REQUEST</b><br><b>Graduate Programs</b>   | UGPC Approval _____<br>UFS Approval _____<br>Banner _____<br>Catalog _____                               |
|  | <b>Department</b> Computer and Electrical Eng. and Comp. Science<br><br><b>College</b> Engineering and Computer Science   |  |
| <b>Program Name</b><br>MS Artificial Intelligence with Minor in Business<br>MS Biomedical Engineering with Minor in Business   | <input type="checkbox"/> <b>New Program*</b><br><input checked="" type="checkbox"/> <b>Change Program*</b>  | <b>Effective Date</b><br>(TERM & YEAR)<br>Fall 2021  |
| <b>Please explain the requested change(s) and offer rationale below or on an attachment.</b><br><br>Add catalog entry for Minor in Business option for MS Artificial Intelligence and for the MS Biomedical Engineering programs.                                    |   |  |
| <small>*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.</small>  |   |  |
| <b>Faculty Contact/Email/Phone</b><br>Hanqi Zhuang, zhuang@fau.edu, 561-297-3413   | <b>Consult and list departments that may be affected by the change(s) and attach documentation</b>  |  |
| <b>Approved by</b><br>Department Chair <u>Hanqi Zhuang</u><br>College Curriculum Chair <u>Francisco Presuel-Moreno</u><br>College Dean <u>McCardie</u><br>UGPC Chair _____<br>UGC Chair _____<br>Graduate College Dean _____<br>UFS President _____<br>Provost _____ | Digitally signed by Hanqi Zhuang<br>Date: 2021.03.02 21:37:30 -05'00'<br><br><small>Digitally signed by Francisco Presuel-Moreno<br/>         DN: cn=Francisco Presuel-Moreno, ou=Florida Atlantic University, ou=Ocean and Mechanical engineering, email=fpresuel@fau.edu, c=US<br/>         Date: 2021.03.04 09:47:19 -05'00'</small><br><br><small>Digitally signed by Mircea Cordel<br/>         DN: cn=Mircea Cordel, ou=Florida Atlantic University,<br/>         ou,email=mcordel@fau.edu, o=FAU<br/>         Date: 2021.03.04 10:05:01 -05'00'</small><br><br><small>Digitally signed by Paul R. Peter<br/>         DN: cn=Paul R. Peter, ou=Florida Atlantic University,<br/>         ou,email=ppeter@fau.edu, o=FAU<br/>         Date: 2021.03.04 10:05:01 -05'00'</small><br><br><small>Digitally signed by Robert W. Shurtley<br/>         DN: cn=Robert W. Shurtley, ou=Florida Atlantic University,<br/>         ou,email=rshurtley@fau.edu, o=FAU<br/>         Date: 2021.03.04 10:05:01 -05'00'</small> | <b>Date</b><br>_____<br>_____<br>3/4/2021<br>Apr 4, 2021<br>Apr 5, 2021<br>Apr 5, 2021<br>_____<br>_____ |

Email this form and attachments to [UGPC@fau.edu](mailto:UGPC@fau.edu) 10 days before the UGPC meeting.

## **Business Minor**

A minor in Business is available to students pursuing a non-thesis master's degree who wish to combine technical coursework in engineering or computer science with a sequence of courses designed to provide a broad background in modern business concepts. Thesis students may participate with approval of their major department.

The Business minor is available to students admitted to master's studies in any program in the College of Engineering and Computer Science. It is not available to students with non-degree-seeking status. Requirements for the minor include completion of five graduate-level business courses (3 credits each) from the list below (course descriptions may be found in the [College of Business Course Descriptions section of this catalog](#)):

1. ACG 6027, Financial Accounting Concepts;
2. FIN 6406, Financial Management;
3. ISM 6026, Management of Information Systems and Technology, or QMB 6603, Data Analysis for Managers;
4. MAN 6937, Global Environment of Management, or MAN 6245, Organizational Behavior;
5. MAR 6055, Marketing Functions and Processes.

Some course substitution may be possible for students with prior academic background in one or more of these areas. Additional requirements for master's degrees with a minor in Business are given in the individual program descriptions that follow.

The minor in Business is awarded upon graduation as an integral part of a master's degree program in Engineering or Computer Science; it is not awarded independent of these degrees. Courses taken as part of the Business minor apply toward the prerequisites for many M.B.A. programs but generally cannot be used to satisfy M.B.A. degree requirements.

## **Master of Science with Major in Computer Science or Computer Engineering with a Business Minor**

Those students electing to receive a minor in Business must complete 36 credits, of which 21 are to be from the Computer Science and Engineering courses described in this section of the catalog and 15 are to be from the courses approved by the College of Business for the [Business minor](#). Such students will have to satisfy the prerequisite and core requirements of the appropriate degree program of the department. In addition, students should also satisfy the University requirements for graduate programs. For more information, students should consult their faculty advisor.

## **Master of Science with Major in Artificial Intelligence with a Business Minor**

Those students electing to receive a minor in Business must complete 36 credits, of which 21 are to be from the Artificial Intelligence courses described in this section of the catalog and 15 are to be from the courses approved by the College of Business for the Business minor. Such students will have to satisfy the prerequisite and core requirements of the appropriate degree program of the department. In addition, students should also satisfy the University requirements for graduate programs. For more information, students should consult their faculty advisor.

## **Master of Science with Major in Biomedical Engineering with a Business Minor**

Those students electing to receive a minor in Business must complete 36 credits, of which 21 are to be from the

Biomedical Engineering courses described in this section of the catalog and 15 are to be from the courses approved by the College of Business for the Business minor. Such students will have to satisfy the prerequisite and core requirements of the appropriate degree program of the department. In addition, students should also satisfy the University requirements for graduate programs. For more information, students should consult their faculty advisor.