

# 國立臺灣科技大學企業管理系博士班修業規定

## National Taiwan University of Science and Technology

### Ph.D. Program Regulations for the Department of Business Administration

114年12月18日114學年度第4次系務會議修正通過  
Revised and approved by the 4th Departmental Affairs Meeting of the 114th Academic Year on December 18, 114 (2025)

#### 第一條 修課規定

- 一、本系博士班研究生於修業期限內，須修滿24學分(以下簡稱畢業學分)，且於本系博士班課程地圖(詳附錄1)所列策略管理、行銷管理及組織與人力資源管理三項專業領域中，每項領域至少修滿6學分。
- 二、畢業學分中，須包含研究方法(一)(3學分)及研究方法(二)(3學分)，共計6學分。
- 三、畢業學分中，須包含由本系所開設之英語授課課程(BA課碼)至少12學分。
- 四、畢業學分外，須另修習4學分由本校語言中心所開設之英語課程。本籍生通過相當於全民英檢中級複試語文能力測驗，或曾於英語系國家取得學位者，或曾以英文發表論文其英文能力優良經教授推薦且經教務審查委員會審核通過者，可免修英語課程4學分(第168次教務會議決議)。本系外籍生入學時，業經提出相當於CEFR B2或以上等級語言能力證明或其國籍官方或通用語言為英語者，可免修英文課程4學分。
- 五、須修畢學術研究倫理課程(3小時，0學分)(詳附錄2)
- 六、於大學或碩士班時未曾修過財務、組織、行銷、策略等相關課程者，須至大學或碩士班補修未修過四領域之相關課程者(財務管理、組織與管理、行銷管理、策略管理)(詳見附錄3)，其學分數不計入畢業學分中。本規定僅適用於113學年度(含)以前之本籍生適用。

#### Course Requirements

1. Ph.D. students in this department must complete 24 credits (hereinafter referred to as graduation credits) within the study period, and must complete a minimum of 6 credits in each of the three professional fields listed in the department's Ph.D. curriculum map (detailed in Appendix 1): Strategic Management, Marketing Management, and Organization and Human Resource Management.
2. The graduation credits must include Research Methods (I) (3 credits) and Research Methods (II) (3 credits), totaling 6 credits.
3. The graduation credits must include a minimum of 12 credits from English-taught courses (BA course code) offered by this department.
4. In addition to the graduation credits, students must complete 4 credits of English courses offered by the university's Language Center. Local students who pass a language proficiency test equivalent to the GEPT Intermediate/High-Intermediate Level retest, or who have obtained a degree in an English-speaking country, or who have published a paper in English and whose excellent English proficiency is recommended by a professor and approved by the Academic Review Committee, may be exempt from the 4 English course credits (Resolution of the 168th Academic Affairs Meeting). Foreign students in this department may be exempt from the 4 English course credits if they have provided proof of language proficiency

equivalent to CEFR B2 or above upon admission, or if the official or widely-used language in their home country is English.

5. Students must complete the Academic Research Ethics course (3 hours, 0 credits) (detailed in Appendix 2).
6. Students who have not previously taken relevant courses in Finance, Organization, Marketing, or Strategy during their undergraduate or master's studies must make up the required courses in the four uncompleted fields (Financial Management, Organization and Management, Marketing Management, Strategic Management) at the undergraduate or master's level (detailed in Appendix 3). These credits shall not be included in the graduation credits. This regulation is only applicable to ROC(Taiwan) domestic students admitted in the 113th academic year (inclusive) or prior.

## 第二條 指導教授

- 一、博士班研究生之選課事宜、研習進度及論文計劃等之輔導，應依照本系之規定並由各指導教授負責之。博士研究生在未選定論文指導教授前則由系主任會同教務審查委員會負責其指導事宜。
- 二、學生應於通過博士資格考核後確認指導教授並繳交「論文指導同意書」。論文指導教授未選定前，選課須取得導師同意，論文指導教授選定後，選課則須取得論文指導教授同意。學生於學位論文撰寫初期，須與指導教授確認論文主題及內容是否與系所專業領域相符。
- 三、博士班研究生選定論文指導教授最後期限為：上學期(秋季)取得博士候選人資格後於3月1日前；下學期(春季)取得博士候選人資格後於9月1日前，需選定論文指導教授並報系核備。
- 四、研究生論文指導教授限由本系專任教師擔任，或由本系專任教師與本校外系教師或本系兼任教師共同指導。
- 五、論文指導教授之更換
  - (一)研究生更換指導教授，須填寫變更指導教授申請書。系辦將知會原指導教授，俟後該生須自行覓妥新的指導教授後繳交論文指導同意書至系辦。
  - (二)指導教授停止指導研究生，請填寫「終止與指導研究生關係聲明書」，系辦將知會該研究生，俟後該生須自行覓妥新的指導教授繳交論文指導同意書至系辦。

## Thesis Advisor

1. The advising of Ph.D. students regarding course selection, study progress, and thesis proposal should follow the department's regulations and be the responsibility of the respective thesis advisor. Before selecting a thesis advisor, the advising will be handled by the Department Chair in conjunction with the Academic Review Committee.
2. Students should confirm their thesis advisor and submit the "Thesis Advising Consent Form" after passing the doctoral qualifying examination. Before the thesis advisor is selected, course selection requires the consent of the department assigned academic mentor; after the thesis advisor is selected, course selection requires the consent of the thesis advisor. In the early stages of writing the degree thesis, the student must confirm with the advisor whether the thesis topic and content align with the department's professional fields.
3. The final deadline for Ph.D. students to select a thesis advisor is: before March 1st after

obtaining the doctoral candidacy status in the Fall semester; and before September 1st after obtaining the doctoral candidacy status in the Spring semester. The selection must be reported to the department for approval.

4. Graduate thesis advisors must be full-time faculty members of this department, or jointly supervised provided that at least one advisor is a full-time faculty member of this department.

#### 5. Change of Thesis Advisor

(1) A graduate student changing advisors must fill out the application form for changing advisors. The department office will notify the original advisor. Subsequently, the student must find a new advisor and submit the Thesis Advising Consent Form to the department office.

(2) If an advisor ceases advising a graduate student, they should fill out the "Statement of Termination of Advising Relationship with Graduate Student". The department office will notify the graduate student. Subsequently, the student must find a new advisor and submit the Thesis Advising Consent Form to the department office.

### 第三條 資格考試

一、根據國立臺灣科技大學博士學位候選人資格考核實施辦法第二條：博士班研究生在入學後3年內應通過資格考核，屆時未能通過者應予退學。

二、本系博士班研究生資格考核每學年應舉辦兩次，並應於各學期開學上課後一週內舉行之。各次考試之應考研究生應依系辦公告之日期及考試科目，事先向系辦提出申請。

三、本系博士班研究生之資格考核由本系系主任及教務審查委員會合組企業管理系博士班資格考核委員會負責辦理之；原則上，系主任為召集人。

#### 四、考試科目及計分方法

1. 本系博士班研究生資格考核共有「管理學」以及「數量方法」兩個試卷，每一試卷博士班研究生應任選其中一門學科參加應試，博士班研究生必須通過兩門學科始為及格。又資格考核以筆試為原則，必要時得輔以口試，由資格考核委員會決定辦理之。其各試卷之內容及總分如下表所示：

2. 各次考核之各科參考書目應於舉辦該次考試前一學期開學一週內公佈之。

### Qualifying Examination

1. According to Article 2 of the National Taiwan University of Science and Technology Implementation Regulations for Doctoral Degree Candidacy Assessment: Ph.D. students must pass the qualifying examination within 3 years after admission; failure to pass by this time will result in dismissal.

2. The qualifying examination for Ph.D. students in this department should be held twice per academic year and should take place within one week after the start of classes each semester. Graduate students taking the examination must apply to the department office in advance, according to the date and subjects announced by the department office for each examination.

3. The Ph.D. qualifying examination in this department shall be managed by the Department of Business Administration Ph.D. Qualifying Examination Committee, jointly composed of the Department Chair and the Academic Review Committee; generally, the Department Chair serves as the convener.

#### 4. Examination Subjects and Grading Methods

- (1) The Ph.D. qualifying examination in this department consists of two papers: "Management" and "Quantitative Methods." Ph.D. students must select one subject from each of the two examination papers, and must pass both selected subjects to be considered qualified. The qualifying examination is generally based on a written test, supplemented by an oral examination if necessary, as determined by the Qualifying Examination Committee. The content and total scores for each paper are shown in the table below:
- (2) The reference books for each subject in each examination shall be announced within one week after the start of the semester preceding the examination.

試 卷 No.	名 稱 Name	學 科 Subject	計 分 Score	及格分數 Passing Score
1	管理學 Management	(1) 財務管理 Financial Management	100	70
		(2) 組織管理 Organization Management	100	
		(3) 策略管理 Strategic Management	100	
		(4) 行銷管理 Marketing Management	100	
2	數量方法 Quantitative Methods	(1) 線性模式含迴歸分析、變異數分析及實驗設計 Linear Models including Regression Analysis, Analysis of Variance, and Experimental Design	100	70
		(2) 時間數列分析 Time Series Analysis	100	
		(3) 多變量分析 Multivariate Analysis	100	
		(4) 研究方法 Research Methods	100	

#### 五、出題方式及閱卷方式

本系博士班研究生資格考核各試卷內各學科之試題應由各相關學科本系專任教師兩人負責出題，其中每人各負責各該科目總分之二分之一。相關之出題教師由企業管理系博士班資格考核委員會負責遴選之，且各試卷內各學科之出題教師不得重複。閱卷採集中方式。其試卷並應由各該出題教師負責批改其出題部份。

#### Question Setting Method and Grading Method

For the Ph.D. qualifying examination, the questions for each subject within each paper shall be the responsibility of two full-time faculty members of the department related to the respective subject, with each person responsible for one-half of the total score for that

subject. The relevant question-setting faculty shall be selected by the Department of Business Administration Ph.D. Qualifying Examination Committee, and the faculty setting questions for different subjects within the same paper may not overlap. Grading shall be centralized. The examination papers should be graded by the respective faculty members responsible for setting those parts of the questions.

六、資格考核成績公佈後一週內，應考學生得申請成績覆查。

Within one week after the announcement of the qualifying examination results, students who took the exam may apply for a grade review.

七、資格考抵免

博士生入學後3年內以一篇論文發表抵免資格考，並於論文發表後將論文接受函連同博士候選人資格考申請書繳交至系辦，由教務審查委員會組成博士生資格考試抵免審查委員會，進行抵免初審；最後提報系務會議進行議決。該論文需發表於SCIE指定領域(詳見附錄4)或SSCI或TSSCI管理類相關領域期刊，並滿足：(1)發表論文不在Beall's List 期刊內(2)入學後才被接受之論文且發表學校為臺灣科技大學，且(3)該博士生為第一作者；如果博士生為第二作者，則第一作者必須為企管系專任教師，符合資格者以80分成績登錄。

**Qualifying Examination Exemption**

Ph.D. students may exempt the qualifying examination by publishing one paper within 3 years after admission. After the paper is published, the student must submit the paper's acceptance letter along with the application form for the doctoral candidacy examination to the department office. The Academic Review Committee will form a Ph.D. Qualifying Examination Exemption Review Committee to conduct the preliminary review; the final decision will be reported to the Department Meeting for resolution. The paper must be published in a journal within the SCIE designated fields (detailed in Appendix 4), or a SSCI or TSSCI management-related journal. And must satisfy: (1) the published paper is not in a journal on Beall's List (2) the author's affiliation at the time of acceptance must be National Taiwan University of Science and Technology, and (3) the Ph.D. student is the first author; if the Ph.D. student is the second author, the first author must be a full-time faculty member of the Department of Business Administration. Those who meet the qualifications will be registered with a score of 80.

第四條 博士班論文計畫

一、博士研究生通過資格考後兩年內，必須提出申請論文計畫審核，未經論文計畫審核不得提出論文口試。

二、論文審查委員由指導教授及校內外委員至少三人組成，由指導教授提出建議名單後進行聘任。

三、博士候選人論文計畫應完整提出具體的研究內容。其包含研究動機、研究目的、文獻與假設推論、研究設計與分析、理論與實務意涵、研究限制與未來研究方向、結論及參考資料等，向審查委員公開說明。

四、博士候選人論文計畫審核，本系補助審查委員每人每次壹仟元整論文口試費。

五、博士候選人論文計畫審核，須經全體審查委員通過，始得生效。

**Ph.D. Thesis Proposal**

1. Ph.D. students must apply for thesis proposal review within two years after passing the

qualifying examination. A student may not apply for the thesis defense without passing the thesis proposal review.

2. The thesis review committee shall consist of at least three members, including the advisor and both internal and external members. The members are appointed after the advisor submits a suggested list.
3. The doctoral candidate's thesis proposal should comprehensively present specific research content. This includes the research motivation, research objectives, literature review and hypothesis derivation, research design and analysis, theoretical and practical implications, research limitations and future research directions, conclusion, and references, which must be publicly explained to the review committee.
4. For the review of the doctoral candidate's thesis proposal, the department subsidizes each review committee member with NT\$1,000 as the review honorarium.
5. The doctoral candidate's thesis proposal review must be passed by all review committee members to take effect.

#### 第五條 學術論文發表

博士班研究生於申請舉行論文口試前，需於【管理類相關領域SCIE指定領域(附錄4)/SSCI期刊一篇】或【TSSCI期刊一篇及Scopus資料庫期刊一篇】與指導教授共同發表。博士生為第一或第二作者且發表學校為台灣科技大學，如果博士生為第二作者，則第一作者必須為指導教授且發表學校為台灣科技大學。有關各該期刊水準之認定，由本系委員會處理之；論文發表相關爭議，則提送系務會議議決（適用111學年度入學之後新生）。

#### Academic Paper Publication

Before applying for the thesis defense, Ph.D. students, in collaboration with their thesis advisor, must publish either: (1) one paper in a SCIE designated fields journal (Appendix 4) or an SSCI journal in a management-related field, or (2) two papers: one in a TSSCI journal and one in a Scopus-indexed journal. The Ph.D. student must be the first or second author, and the publishing institution must be National Taiwan University of Science and Technology. If the Ph.D. student is the second author, the first author must be the thesis advisor, and the publishing institution must be National Taiwan University of Science and Technology. The determination of the standard of these journals shall be handled by the department committee; disputes related to paper publication shall be submitted to the Department Meeting for resolution (For students admitted in or after the 2022 academic year)

#### 第六條 博士論文及口試

論文初稿完成，並於部份論文發表後，經指導教授同意得向系上提出論文口試之申請。指導教授應於申請時提出依本校規定之5至9位口試委員，報請學校核備。

- 一、博士論文口試得於各年度之十月至一月與四月至七月二個期間舉行之。
- 二、論文口試經博士學位考試委員會評定通過後，報請學校頒發學位證書，授予博士學位。論文口試不及格者，需逾一學期後方得申請重考，重考以一次為限。
- 三、博士論文印刷本扣除參考文獻清單、附錄及問卷需經本校圖書館論文原創性比對系統檢測(不使用Turnitin篩選條件)，相似度小於20%。學位論文比對超過本系相似度標準不得口試。

## **Doctoral Thesis and Defense**

After the thesis draft is completed and partial papers are published, students may apply to the department for the thesis defense with the consent of the thesis advisor. When applying, the thesis advisor should propose 5 to 9 defense committee members, as stipulated by the university's regulations, and submit them to the university for approval.

1. The doctoral thesis defense may be held during two periods each year: October to January and April to July.
2. After the thesis defense is approved by the Doctoral Degree Examination Committee, the university will be requested to issue the degree certificate and confer the doctoral degree. Students who fail the thesis defense must wait for more than one semester before applying for a re-examination, which is limited to one instance.
3. The printed copy of the doctoral thesis, excluding the list of references, appendices, and questionnaires, must be checked by the university library's thesis originality comparison system (all similarity filters must remain disabled), and the similarity must be less than 20%.  
A degree thesis exceeding the department's similarity standard is not eligible for the defense.

第七條 本修業規定未盡事宜，悉依本校學則或相關規定辦理。本修業規定經系務會議通過後實施，修正時亦同。

For matters not covered in these regulations, the university's academic rules or related regulations shall apply. These regulations shall take effect upon approval by the Department Meeting; the same procedure applies to any future amendment.

## 臺科大企管系博士班課程地圖

## NTUST Department of Business Administration PhD Curriculum Map

博士班入學 Admission

畢業學分 24 學分 (Total: 24 Credits)

專業領域核心課程 (18) + 研究方法 (6) + 校訂必修 | Core (18) + Research Methods (6) + School Requirements

校訂必修：學術研究倫理 (0學分) Research Ethics (0)

校訂必修：英文課程 (4學分) 或免修 English Courses (4) or exemption

## 專業領域核心課程 (18學分) Core Domain Courses

每個領域至少6學分 / Min. 6 credits per domain

## 組織與人力資源

Org. &amp; HR Mgmt.

- BA6008 經理人道德議題探討  
Managerial Ethical Issues
- BA6601 人力資源管理個案  
HR Management Cases
- BA6615 國際人力資源管理  
Int'l HR Management
- BA5006 領導學理論與實務  
Leadership Theory
- BA6625 人力資源管理實務  
HR Practices
- BA6621 管理心理學個案  
Cases in Mgr. Psych.
- BA6324 人力資源發展  
HR Development
- BA5453 組織變革管理  
Org. Change Mgmt.
- BA5712 組織心理學  
Org. Psychology
- BA6620 跨文化管理  
Cross-Cultural Mgmt.
- BA7805 組織理論  
Organizational Theory

## 策略管理

Strategic Mgmt.

- BA6906 高科技產業與策略  
High-tech Ind. Strat.
- BA6210 領導策略與公司治理  
Leadership & Corp. Gov.
- BA7201 策略性企業社會責任  
Strategic CSR
- BA6907 賽局與策略管理  
Game Theory & Strat.
- BA6405 策略理論研討(一)  
Seminar in Strat. I
- BA6407 策略理論研討(二)  
Seminar in Strat. II
- BA6408 供應鏈管理  
Supply Chain Mgmt.
- BA6806 國際企業  
Int'l Business
- BA5800 競爭策略  
Competitive Strategy
- BA7103 策略理論  
Strategic Theory

## 行銷管理

Marketing Management

- BA6399 腦科學行銷實驗設計  
Neuromarketing Exp.
- BA6212 數位轉型與品牌傳播  
Digital Trans. & Brand
- BA5309 行銷與人工智慧應用  
AI Apps in Marketing
- BA5320 彩繪心理學與數位出版  
Color Psy. & Digital Pub.
- BA5001 人工智慧基礎與應用  
AI Foundations & Apps
- BA6021 服務科技與體驗行銷  
Service Tech & Exp. Mkt.
- BA5713 行為科學理論與管理  
Behavioral Sci. Theory
- BA6400 腦科學與行銷策略  
Brain Sci. & Mkt Strat.
- BA6051 以顧客為中心的創新  
Customer-Centric Innov.
- BA6209 行銷傳播溝通策略  
Mkt. Comm. Strategy
- BA6222 創新休閒行銷  
Innovative Leisure Mkt.
- BA6501 服務設計思考  
Service Design Thinking
- BA6215 潛意識與行銷  
Subconscious & Mkt.
- BA6018 全通路行銷  
Omni-channel Mkt.
- BA6204 品牌管理  
Brand Management
- BA5603 廣告管理  
Advertising Mgmt.
- BA5200 行銷管理  
Marketing Management
- BA6202 國際行銷  
Int'l Marketing
- BA5605 電子商務  
E-Commerce

## 研究方法 (必修 6 學分)

Research Methods (Compulsory)

BA7611

研究方法(一)  
Research Methods I

BA7612

研究方法(二)  
Research Methods II

其他選修課程 (自由選課 Free Electives)

## 資格考 Qualification Exam

通過資格考 (管理學及數量方法) 或發表一篇符合相關資格及領域之期刊論文  
Pass Qualification Exam (Mgmt. & Quant. Methods) or publish a qualified journal paper

取得博士候選人資格

PhD Candidate Status

## 博士論文計畫審核

PhD Thesis Proposal Review

通過資格考後兩年內通過審核，始可提出口試  
Must pass review within 2 years after qualification exam

## 學術論文發表

Academic Paper Publication

口試前需與指導教授於建議期刊上共同發表  
Must co-publish with advisor in recommended journals before defense

## 博士畢業 Graduation

博士論文及口試 (0學分)  
PhD Thesis & Oral Defense (0 Credits)

以上資訊請對照國立臺灣科技大學企業管理系博士班修業規定辦理

Please refer to the regulations of the Ph.D. Program of the Department of Business Administration, NTUST.



國立臺灣科技大學學術研究倫理課程實施辦法  
National Taiwan University of Science and Technology  
the regulation of Academic Research Ethics course

105.06.07 第 182 次教務會議通過

- 第1條 為使本校學生於從事學術研究時具備正確的倫理認知，遵循學術規範，特訂定「學術研究倫理」課程（以下簡稱本課程）實施辦法。  
The regulation of Academic Research Ethics course is formulated to make the students in National Taiwan University of Science and Technology have the correct ethics and follow the academic regulations during studying.
- 第2條 本課程為 0 學分。凡本校碩士班與博士班學生，應於入學第一學年結束前修習本課程。修習通過後始得申請學位考試。  
This course is zero credit. The master and doctoral students in National Taiwan University of Science and Technology should complete this course before the end of the first year. Graduate students can apply the examination of degree only after they pass the course.
- 第3條 本課程之上課週次與主題，每學期於開課單位（通識教育中心）網站公告。修習學生可依需求，於線上預先登記欲參加之週次；至少須參加一次，並於當次課後測驗及格，始為習通過。  
The course schedule and topics will be announced on the website of the Center for General Education (<http://cla.ntust.edu.tw/home.php>). Students can register the week they want in advance on the internet. Everyone must at least participate once, and complete the course after passing the examination.
- 第4條 本課程欲辦理抵免，應向開課單位提出申請。  
If students want to transfer the credit, they should submit the application to the offering department.
- 第5條 修習通過之紀錄，由開課單位送教務處研教組登錄。  
The offering department will submit the record of passing the course to Section of Graduate Studies of Academic Affairs for registration.
- 第6條 本辦法經共同教育委員會、教務會議通過後實施，修正時亦同。  
This regulation is implemented and revised after being approved by Commission of General Education and Meeting of Academic Affairs.

# 國立臺灣科技大學企業管理系

## 碩博士班基礎必修課程說明暨各領域科目表

109年07月09日108學年度第10次課程規畫委員會修正通過

本系研究生畢業應滿足基礎必修課程之規定：

- 一、本系**碩士研究生**在大學部或五專四、五年級未曾修習且通過策略管理、行銷管理、組織管理、財務管理、會計學五領域之相關課程者，應至本校或外校之大學部或碩士班，補修各相關領域至少一門。其中至大學部所修學分，不計入本系要求之碩士班畢業學分中。
- 二、本系**博士班研究生**於大學或碩士期間未曾修習且通過策略管理、行銷管理、組織管理、財務管理四領域之相關課程者，應至本校或外校之大學部或碩士班，補修各相關領域至少一門，其學分數不計入本系要求之博士班畢業學分 24 學分中。
- 三、本系研究生應於入學時，需依照系上公告辦理期間繳交修課狀況調查表及大學部(碩士研究生)/碩士班(博士研究生)歷年成績單正本；若欲以非本表所列之各領域科目(如下表)申請免修者，須填妥修課狀況調查表、歷年成績單正本及所修習之課程大綱，於公告辦理期間向系辦提出審查申請。

基礎必修課程  
曾獲准免修之科目對照表

領域	策略管理	行銷管理領域	組織與人力資源管理領域	財務管理領域	會計學
科目	生產與作業管理 企業政策與決策 企業策略與分析 高科技事業經營策略 高科技產業與策略分析 策略理論 策略理論研討 策略管理 賽局與策略管理 競爭策略 生產管理 供應鏈管理	行銷管理 行銷管理學 行銷學 國際行銷 行銷傳播溝通策略 行銷溝通策略 服務業行銷 消費者行為 國際行銷理論研討 電子商務 觀光餐旅行銷管理研究	人力資源管理 企業組織與管理 組織行為 組織理論 組織理論與行為 組織理論與管理 組織發展策略論 組織與管理	財務管理 國際財務管理	成本會計 財務會計 會計學 會計學-初等(級) 會計學-中等(級) 管理會計

## SCIE List

- OPERATIONS RESEARCH & MANAGEMENT SCIENCE
- ENGINEERING, INDUSTRIAL
- ENGINEERING, MANUFACTURING
- COMPUTER SCIENCE, INFORMATION SYSTEMS
- COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE
- COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS
- TRANSPORTATION SCIENCE & TECHNOLOGY
- PSYCHOLOGY
- MEDICAL INFORMATICS
- HEALTH CARE SCIENCES & SERVICES
- GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY
- ENVIRONMENTAL SCIENCES
- ENERGY & FUELS
- SPORT SCIENCES