# Fashion

## Introduction

The Fashion Study Program at BINUS UNIVERSITY, established in 2010, began as a collaboration between BINUS UNIVERSITY INTERNATIONAL and Northumbria University, Newcastle, UK. It aspires to become the best design school in the region. Indonesia and ASEAN are currently one of the fastest-growing regions in the world; and with that rapid growth, we see a need for skilled professionals who are able to solve problems through design.

Starting in the 2024/2025 academic year, the Fashion Study Program is offered at BINUS @Alam Sutera, with the same vision and passion to become the leading fashion school in Indonesia. The program is dedicated to producing skilled professionals capable of solving problems in their field. To support effective teaching and learning, BINUS UNIVERSITY provides excellent studio facilities, including garment production workspaces, textile experiment rooms (for batik, weaving, screen printing, and knitting), computer labs, and a photography studio.

Upon successfully completion of four years of study, graduates will obtain a Sarjana Desain (S.Ds.).

## Vision

To become an international product design program, providing creative study environment in order to keep relevant with the changing needs of global industry and society.

## Mission

The missions of Fashion Study Program are to:

1. Prepare future creative leaders in the area of product design through innovation, with a combination of commercial feasibility.
2. Provide graduates with entrepreneurial skill and professionalism towards global workplace.
3. Develop local resources to improve the life quality of Indonesian and the international community.

## Program Objective

The objectives of the Fashion Study Program are to:

1. **Knowledge and Technical Skills**

   To provide graduates with contextual knowledge and technical skills in order to formulate fashion design solution responsive to the industry;

2. **Information and Communication Technologies (ICT)**

   To equip graduates with skills to utilize ICT applications and services required in the global fashion industry;

3. **Effective Communication**

   To equip graduates with effective communication skills;

4. **Entrepreneur Skills**

   To provide graduates with entrepreneurship skills and professional ethics to become socially aware and responsible fashion professionals;

5. **Innovation Skills**

   To enhance graduates' capability in generating creative and innovative ideas within the fashion industry.

## Student Outcomes

After completing the study, graduates are:

1. Able to demonstrate and apply the understanding of theoretical design concepts, history, culture, and contemporary issues in fashion industry;

2. Able to apply appropriate skills for ready-to-wear fashion production in pattern making, sewing, and fabric manipulation techniques while considering aspects of aesthetics, efficiency, and effectivenes;

3. Able to utilise relevant information technology and communication tools in adherence to work needs;

4. Able to apply ethical and professional values in fashion;

5. Able to apply concepts of management for business in fashion , develop marketing, promotional strategies, and distribution channel, as well as to work collaboratively with good communication skills;

6. Able to identify problems in design and propose relevant, creative and innovative design solutions through research-based design approach and evaluate product quality in relation to consumer, ergonomical, and environmental perspectives;

7. Able to apply interdisciplinary knowledge and skills in developing alternative solutions for problem-solving.

## Prospective Career of the Graduates

Various career opportunities in the fashion industry will be introduced, and students will be prepared throughout their studies. The integrated curriculum is designed and developed to support students in building both technical and non-technical skills while engaging with the industry. One key career development program is the internship for every student, where they can work on real projects as practical studies in an industry context. This program enhances students' abilities to engage in professional practice and to understand ethical and organizational responsibilities. Additionally, a series of field studies/visits to professionals and industries will be conducted to provide a solid foundation and a broad overview of the industry. These experiences support individual career aspirations and can help build social and professional networks. Graduates of the Fashion Study Program are expected to be prepared as designers for medium to mass production manufacturing, in response to various market levels.

Graduates of the BINUS UNIVERSITY Fashion Study Program can pursue careers in the following fields without exception:

• Fashion Designer

• Textile Designer

• Trend Forecaster Consultant

• Fashion Design Consultant

• Fashion Stylist

• Fashion Journalist

• Fashion Entrepreneur

• Buyer and Merchandiser

• Store Manager

• Visual Merchandiser

• Digital Marketer

• Media Communications

## Curriculum

The Fashion Study Program offers a flexible, personalized study plan tailored to the needs of students, supported by a (2+1+1) course structure, students are prepared to pursue careers and opportunities in the fashion industry. Additionally, students can choose a concentration in either Fashion Design or Fashion Retail Management, providing them the opportunity to deepen their practical fashion skills and work within the real fashion industry. The Fashion Study Program at BINUS University also emphasizes practical experience, collaborative projects with professionals, and preparing students to develop their skills and advance their careers.

## Course Structure

| Sem | Code | Course Name | SCU | Total |
|---|---|---|---|---|
| 1 | FASH6182040 | History and Introduction to Fashion Studies[1] - **(AOL)** | 2 | 20 |
| | CHAR6013040 | Character Building: Pancasila | 2 | |
| | FASH6144040 | Drafting - **(AOL)** | 6 | |
| | FASH6145040 | Fashion Illustration - **(AOL)** | 6 | |
| | FASH6183040 | Design Research Skill | 2 | |
| | FASH6184040 | Design Foundation | 2 | |
| | **Foreign Language Courses** | | 0 | |
| 2 | CHAR6014040 | Character Building: Kewarganegaraan | 2 | 20 |
| | LANG6027040 | Indonesian | 2 | |
| | FASH6147040 | Draping[1] - **(AOL)** | 6 | |
| | FASH6148040 | CAD in Fashion - **(AOL & AIE)** | 6 | |
| | FASH6185040 | Sewing - **(AOL)** | 2 | |
| | COSC6011040 | Foundations of Artificial Intelligence | 2 | |
| | **Foreign Language Courses** | | 0 | |
| 3 | CHAR6015040 | Character Building: Agama | 2 | 20 |
| | FASH6186040 | Contemporary Fashion[1] - **(AOL)** | 2 | |
| | FASH6187040 | Fashion Textile I[2] - **(AOL)** | 2 | |
| | FASH6180040 | Fashion Trend Forecasting - **(AOL & AIE)** | 2 | |
| | FASH6115040 | Fashion Design I - **(AOL)** | 4 | |
| | FASH6188040 | Production I | 6 | |
| | FASH6189040 | Fashion Technical Drawing | 2 | |
| | **Foreign Language Courses** | | 0 | |
| 4 | FASH6130040 | Fashion Design II - **(AOL)** | 4 | 20 |
| | FASH6190040 | Production II | 6 | |
| | FASH6171040 | Fashion Textile II | 2 | |
| | **Stream: Fashion Design** | | | |
| | FASH6191040 | Creative Pattern Exploration[2] | 4 | |
| | FASH6192040 | Sustainable Fashion[1&2] - **(AOL)** | 4 | |
| | **Stream: Fashion Retail Management** | | | |
| | FASH6193040 | Retail Buying and Merchandising[2] - **(AOL)** | 4 | |
| | FASH6192040 | Sustainable Fashion[1&2] - **(AOL)** | 4 | |
| | **Foreign Language Course** | | 0 | |
| | **Minor** | | 8 | |

| Sem | Code | Course Name | SCU | Total |
|---|---|---|---|---|
| | **Free Electives** | | 8 | |
| | FASH6194040 | Entrepreneurship for Fashion[1] - **(AOL)** | 4 | |
| | FASH6154040 | Digital Fashion Branding - **(AOL & AIE)** | 2 | |
| | FASH6131040 | Fashion Textile III | 2 | |
| | **Stream: Fashion Design** | | | |
| | FASH6195040 | Fashion Design Technology | 6 | |
| 5 | FASH6196040 | Fashion Global Experience[2] - **(AOL)** | 4 | 20 |
| | FASH6197040 | Fashion Creative Direction | 2 | |
| | **Stream: Fashion Retail Management** | | | |
| | FASH6198040 | Visual Merchandising[2] - **(AOL)** | 4 | |
| | FASH6199040 | Fashion Retail Technology | 4 | |
| | FASH6200040 | Store Operation Management[2] - **(AOL)** | 4 | |
| | **Minor** | | 12 | |
| | **Free Electives** | | 12 | |
| 6 | **Enrichment Program I** | | 20 | 20 |
| 7 | **Enrichment Program II** | | 20 | 20 |
| | FASH6201040 | Pre-Thesis | 2 | |
| 8 | FASH6202040 | Thesis | 4 | 6 |
| | FASH6203040 | Thesis | 6 | |
| | | | **TOTAL CREDITS 146 Credits** | |

[1]) This course is delivered in English
[2]) Global Learning System Course

-) **AOL** - Assurance of Learning Process System
-) **AIE** - Artificial Intelligence Embedded Course

**Streaming or Minor or Free Electives:**
-) For 4th Semester: Students are required to choose Streaming or Minor or Free Electives, For Free Electives, students are required to choose from the list of Free Electives in Appendix.
-) For 5th Semester: Students will continue to study the Stream or the Minor Program or Free Electives or that has been choosen in semester 4. For Free Electives, students are required to choose from the list of Free Electives in Appendix.

**Foreign Language Courses:**
Students will take foreign language courses according to BINUS University English proficiency test results. See foreign language courses appendix for the details. Students must pass with a minimum Grade of C.

**Appendix Foreign Language Courses**

| Foreign Language Courses | | SCU |
|---|---|---|
| ENGL6253040 | English for Frontrunners | 0 |
| ENGL6254040 | English for Independent Users | 0 |
| ENGL6255040 | English for Professionals | 0 |
| JAPN6190040 | Basic Japanese Language* | 0 |
| CHIN6163040 | Basic Chinese Language* | 0 |

*) This course is optional for students
1. Students with Binus University English Proficiency Test score less than 437 are required to take English for Frontrunners and English for Independent Users.

2. Students with Binus University English Proficiency Test score less than 520 are required to take English for Independent Users and English for Professionals.

3. Students with Binus University English Proficiency Test score equal to or greater than 520 are required to take English for Professionals. Additionally, students may choose to take either Basic Japanese Language or Basic Chinese Language.

4. Students are required to pass the foreign language courses before they take enrichment.

5. Students can see the requirements to pass the foreign language courses at BINUSMAYA – Beelingua.

## Minor Scheme

| Minor Program | Semester 4 | Semester 5 |
|---|---|---|
| **Minor @ Binus Kemanggisan** | | |
| Blockchain Technology and Business | - | - |
| Creative Digital Storytelling | V | V |
| Cross Cultural Communication | V | V |
| Data Analytics | - | - |
| Digital Banking | - | - |
| Digital Ecosystem | - | - |
| Event Business and Entertainment | V | V |
| Human Capital in Digital Workplace | - | - |
| Interactive & Users Experience Design | - | - |
| Robotic Process Automation | - | - |
| Sustainable Development | - | - |
| **Minor @ Binus Alam Sutera** | | |
| Digital Transformation | - | - |
| **Minor @ Binus Bekasi** | | |
| Culinary | - | - |
| Virtual Service Experience | - | - |
| **Minor @ Binus Malang** | | |
| Digital Technopreneur | - | - |
| **Minor @ Binus Bandung** | | |
| DesignPreneur | - | - |
| **Minor @ Binus Semarang** | | |
| Content Creation | - | - |
| Metaverse in Business | - | - |

The minor programs can change anytime based on the trends of knowledge and industry each year. Students will receive information about the updated minor programs during the registration period.

## 1. Minor Program: Creative Digital Storytelling

**Fundamental Courses**

| Course | | SCU |
|---|---|---|
| ENGL6274024 | Approaches in Multimodal Storytelling | 2 |
| DSIN6033007 | Visual Storytelling | 2 |
| ENGL6275024 | Storytelling for Business | 2 |
| FILM6118009 | Script Development & Pitching | 4 |
| | Total SCU | 10 |

**Supporting Courses**

| Course | | SCU |
|---|---|---|
| ENGL6276024 | Cultures, Language, and Arts Production | 4 |
| JAPN6212025 | Anime and Manga as Storytelling | 2 |
| ENGL6277024 | Music as Medium for Storytelling | 4 |
| | Total SCU | 10 |

## 2. Minor Program: Cross Cultural Communication

**Fundamental Courses**

| Course | | SCU |
|---|---|---|
| CHIN6132026 | Chinese Conversation in Daily Activities | 4 |
| COMM6502019 | Communication in Diversity | 2 |
| BUSS6170025 | Asian Business Ethics | 4 |
| | Total SCU | 10 |

**Supporting Courses**

| Course | | SCU |
|---|---|---|
| CHIN6134026 | Chinese Conversation in Business Communication | 4 |
| LAWS6158028 | Private International Law | 2 |
| INTR6135029 | Comparative Politics | 4 |
| | Total SCU | 10 |

## 3. Minor Program: Event Business and Entertainment

**Fundamental Courses**

| Course | | SCU |
|---|---|---|
| HTMN6151021 | Event Marketing Management | 2 |
| HTMN6152021 | Catering Management | 4 |
| TRSM6232022 | MICE (Meeting, Incentive, Convention, Exhibition) Management | 4 |
| | Total SCU | 10 |

**Supporting Courses**

| Course | | SCU |
|---|---|---|
| TRSM6233022 | Event Sponsorship and Funding | 2 |
| TRSM6234022 | Sport and Entertainment Event Management | 4 |
| TRSM6235022 | Festival & Cultural Event | 4 |
| | **Total SCU** | **10** |

## Appendix: Free Electives (4th Semester & 5th Semester)

*Students will receive information about Free Electives during the registration period.*

**Enrichment Program I (6th Semester) & Enrichment Program II (7th Semester):**
-) *Student will take one of enrichment program tracks (off campus). See enrichment appendix for the tracks detail.*

## Enrichment Track Scheme

| Track | Semester 6 | | | | | | | Semester 7 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IN | EN | RS | CD | SA | IS | etc | IN | EN | RS | CD | SA | IS | etc |
| 1 | v | | | | | | | v | | | | | | |
| 2 | v | | | | | | | | v | | | | | |
| 3 | v | | | | | | | | | v | | | | |
| 4 | v | | | | | | | | | | v | | | |
| 5 | v | | | | | | | | | | | v | | |
| 6 | | v | | | | | | v | | | | | | |
| 7 | | v | | | | | | | v | | | | | |
| 8 | | v | | | | | | | | v | | | | |
| 9 | | v | | | | | | | | | v | | | |
| 10 | | v | | | | | | | | | | v | | |
| 11 | | | v | | | | | v | | | | | | |
| 12 | | | v | | | | | | v | | | | | |
| 13 | | | v | | | | | | | v | | | | |
| 14 | | | v | | | | | | | | v | | | |
| 15 | | | v | | | | | | | | | v | | |
| 16 | | | | v | | | | v | | | | | | |
| 17 | | | | v | | | | | v | | | | | |
| 18 | | | | v | | | | | | v | | | | |
| 19 | | | | v | | | | | | | v | | | |
| 20 | | | | v | | | | | | | | v | | |
| 21 | | | | | v | | | v | | | | | | |
| 22 | | | | | v | | | | v | | | | | |
| 23 | | | | | v | | | | | v | | | | |
| 24 | | | | | v | | | | | | v | | | |
| 25 | | | | | | v | | v | | | | | | |
| 26 | | | | | | v | | | v | | | | | |
| 27 | | | | | | v | | | | v | | | | |
| 28 | | | | | | v | | | | | v | | | |
| 29 | | | | | | v | | | | | | v | | |
| 30 | v | | | | | | | | | | | | v | |
| 31 | | v | | | | | | | | | | | v | |
| 32 | | | v | | | | | | | | | | v | |
| 33 | | | | v | | | | | | | | | v | |
| 34 | | | | | v | | | | | | | | v | |

**Note:**

| | | | |
|---|---|---|---|
| IN | : Certified Internship | SA | : Certified Study Abroad |
| RS | : Certified Research | IS | : Certified Specific Independent Study |
| EN | : Certified Entrepreneurship | etc | : Study Program Special Purposes |
| CD | : Certified Community Development | | |

## Certified Internship Track

| Code | Course Name | SCU | Total |
|---|---|---|---|
| **Enrichment Program I** | | | |
| FASH6077040 | Industry Experience | 8 | 20 |
| FASH6178040 | Fashion Applied Skills | 8 | |
| FASH6078040 | Reflective Practices | 4 | |
| **Enrichment Program II** | | | |
| FASH6204040 | Industrial Experience for Fashion | 8 | 20 |
| FASH6205040 | Fashion Industry Skills | 8 | |
| FASH6206040 | Fashion Industry Practice | 4 | |

## Certified Entrepreneurship Track

| Code | Course Name | SCU | Total |
|---|---|---|---|
| **Enrichment Program I** | | | |
| ENTR6092040 | Business Model Innovation | 8 | 20 |
| ENTR6588040 | Product and Service Development | 8 | |
| ENTR6097040 | Managing Teams and Cultures | 4 | |
| **Enrichment Program II** | | | |
| ENPR6297040 | Creative Venture in Fashion | 8 | 20 |
| ENPR6298040 | Product and Service Development in Fashion | 8 | |
| ENPR6299040 | EES in Fashion Business | 4 | |

## Certified Research Track

| Code | Course Name | SCU | Total |
|---|---|---|---|
| **Enrichment Program I** | | | |
| RSCH6272008 | Research Experience | 8 | 20 |
| RSCH6549008 | Scientific Writing in Design | 8 | |
| RSCH6282008 | Global EES | 4 | |
| **Enrichment Program II** | | | |
| RSCH6741040 | Fashion Research Experience | 8 | 20 |
| RSCH6742040 | Scientific Writing for Fashion | 8 | |
| RSCH6743040 | Global EES in Fashion Research | 4 | |

## Certified Community Development Track

| Code | Course Name | SCU | Total |
|------|-------------|-----|-------|
| **Enrichment Program I** | | | |
| CMDV6490040 | Community Project Implementation | 8 | 20 |
| CMDV6491040 | Community Project Design | 8 | |
| CMDV6492040 | Communication Cross Culture | 4 | |
| **Enrichment Program II** | | | |
| CMDV6493040 | Community Project Outreach Implementation | 8 | 20 |
| CMDV6494040 | Community Project Outreach Design | 8 | |
| CMDV6495040 | EES in Community Service Project | 4 | |

## Certified Study Abroad Track

| Code | Course Name | SCU | Total |
|------|-------------|-----|-------|
| **Elective courses list for study abroad\*** | | | |
| **Enrichment Program I/II** | | | |
| GLOB6005040 | Elective Course for Study Abroad 1 | 4 | |
| GLOB6006040 | Elective Course for Study Abroad 2 | 4 | |
| GLOB6007040 | Elective Course for Study Abroad 3 | 4 | |
| GLOB6008040 | Elective Course for Study Abroad 4 | 4 | |
| GLOB6009040 | Elective Course for Study Abroad 5 | 2 | |
| GLOB6010040 | Elective Course for Study Abroad 6 | 2 | 20 |
| GLOB6011040 | Elective Course for Study Abroad 7 | 2 | |
| GLOB6012040 | Elective Course for Study Abroad 8 | 2 | |
| GLOB6013040 | Elective Course for Study Abroad 9 | 2 | |
| GLOB6014040 | Elective Course for Study Abroad 10 | 2 | |
| GLOB6015040 | Elective Course for Study Abroad 11 | 2 | |
| GLOB6016040 | Elective Course for Study Abroad 12 | 2 | |
| GLOB6251040 | Elective Course for Study Abroad 29 | 4 | |

*) Transferred courses will be transferred based on credit transfer policies on study program with total of 20 credits.*

## Certified Specific Independent Study

| Code | Course Name | SCU | Total |
|------|-------------|-----|-------|
| **Elective courses list for certified specific independent study*** | | | |
| **Enrichment Program I/II** | | | |
| CSIS6001040 | Course Certification | 3 | |
| CSIS6002040 | Technical Skill Enrichment | 4 | |
| CSIS6003040 | Industrial Project | 9 | |
| CSIS6004040 | Soft Skill Enrichment | 4 | |
| CSIS6005040 | Elective Course for Specific Independent Study 1 | 8 | |
| CSIS6006040 | Elective Course for Specific Independent Study 2 | 8 | |
| CSIS6007040 | Elective Course for Specific Independent Study 3 | 6 | |
| CSIS6008040 | Elective Course for Specific Independent Study 4 | 6 | |
| CSIS6009040 | Elective Course for Specific Independent Study 5 | 6 | |
| CSIS6010040 | Elective Course for Specific Independent Study 6 | 5 | |
| CSIS6011040 | Elective Course for Specific Independent Study 7 | 5 | |
| CSIS6012040 | Elective Course for Specific Independent Study 8 | 5 | |
| CSIS6013040 | Elective Course for Specific Independent Study 9 | 5 | |
| CSIS6014040 | Elective Course for Specific Independent Study 10 | 4 | |
| CSIS6015040 | Elective Course for Specific Independent Study 11 | 4 | |
| CSIS6016040 | Elective Course for Specific Independent Study 12 | 4 | |
| CSIS6017040 | Elective Course for Specific Independent Study 13 | 4 | |
| CSIS6018040 | Elective Course for Specific Independent Study 14 | 4 | 20 |
| CSIS6019040 | Elective Course for Specific Independent Study 15 | 3 | |
| CSIS6020040 | Elective Course for Specific Independent Study 16 | 3 | |
| CSIS6021040 | Elective Course for Specific Independent Study 17 | 3 | |
| CSIS6022040 | Elective Course for Specific Independent Study 18 | 3 | |
| CSIS6023040 | Elective Course for Specific Independent Study 19 | 3 | |
| CSIS6024040 | Elective Course for Specific Independent Study 20 | 3 | |
| CSIS6025040 | Elective Course for Specific Independent Study 21 | 2 | |
| CSIS6026040 | Elective Course for Specific Independent Study 22 | 2 | |
| CSIS6027040 | Elective Course for Specific Independent Study 23 | 2 | |
| CSIS6028040 | Elective Course for Specific Independent Study 24 | 2 | |
| CSIS6029040 | Elective Course for Specific Independent Study 25 | 2 | |
| CSIS6030040 | Elective Course for Specific Independent Study 26 | 2 | |
| CSIS6031040 | Elective Course for Specific Independent Study 27 | 2 | |
| CSIS6032040 | Elective Course for Specific Independent Study 28 | 2 | |
| CSIS6033040 | Elective Course for Specific Independent Study 29 | 1 | |
| CSIS6034040 | Elective Course for Specific Independent Study 30 | 1 | |
| CSIS6035040 | Elective Course for Specific Independent Study 31 | 1 | |
| CSIS6036040 | Elective Course for Specific Independent Study 32 | 1 | |

*This document is a work in progress. Subject for approval

*) For students who take BINUS certified specific independent study courses, they should take the first 4 courses on the list above (20 credits). Meanwhile, electives courses 1 to 32 are transferred courses for students who take certified specific independent study outside BINUS University. Transferred courses will be transferred based on credit transfer policies on study program with total of 20 credits.*

## The Table of Prerequisite for Fashion Study Program

| Course | | SCU | Sem | Course Prerequisite | | SCU | Sem |
|---|---|---|---|---|---|---|---|
| FASH6148040 | CAD in Fashion | 6 | 2 | FASH6145040 | Fashion Illustration | 6 | 1 |
| FASH6115040 | Fashion Design I | 4 | 3 | FASH6183040 | Design Research Skill | 2 | 1 |
| FASH6188040 | Production I | 6 | 3 | FASH6185040 | Sewing | 2 | 2 |
| FASH6189040 | Fashion Technical Drawing | 2 | 3 | FASH6148040 | CAD in Fashion | 6 | 2 |
| FASH6130040 | Fashion Design II | 4 | 4 | FASH6115040 | Fashion Design I | 4 | 3 |
| FASH6190040 | Production II | 6 | 4 | FASH6188040 | Production I | 6 | 3 |
| FASH6195040 | Fashion Design Technology | 6 | 5 | FASH6191040 | Creative Pattern Exploration | 4 | 4 |
| FASH6196040 | Fashion Global Experience | 4 | 5 | FASH6130040 | Fashion Design II | 4 | 4 |
| FASH6199040 | Fashion Retail Technology | 4 | 5 | FASH6193040 | Retail Buying and Merchandising | 4 | 4 |

## Student should pass all of these quality controlled courses as listed below:

| No | Course Code | Course Name | Minimal Grade |
|---|---|---|---|
| 1. | CHAR6013040 | Character Building: Pancasila | B |
| 2. | FASH6144040 | Drafting* | C |
| 3. | FASH6186040 | Contemporary Fashion | C |
| 4. | FASH6187040 | Fashion Textile I* | C |
| 5. | FASH6115040 | Fashion Design I* | C |
| 6. | FASH6194040 | Entrepreneurship for Fashion | C |
| **Stream: Fashion Design** | | | |
| 7. | FASH6192040 | Sustainable Fashion | C |
| 8. | FASH6195040 | Fashion Design Technology | C |
| **Stream: Fashion Retail Management** | | | |
| 7. | FASH6192040 | Sustainable Fashion | C |
| 8. | FASH6193040 | Retail Buying and Merchandising | C |

*) Tutorial