

Computer Science Bachelor of Technology, 3dr year, iUT NFC

Année Universitaire 2026-2027

Inclus dans :

- **BUT Informatique > Bachelor Universitaire de Technologie Réalisation d'applications : conception, développement, validation**

Computer Science Bachelor of Technology, 3dr year, iUT NFC (MPP61OB5)

Nature : Année

Date de validation composante : 17 juillet 2026

12 JUIN 2026

ECTS : 60

Période : Année

Date de validation CFVU : 17 juillet 2026

CFVU 25 JUIN 2026

Maquette d'enseignement										Évaluation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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										Libellé	Type d'éval.	Nat.	Durée	Coef.	Note élim.	Rep.	Libellé	Type d'éval.	Nat.	Durée	Coef.	Note élim.		
										or a practical assessment, the duration of which may vary. Full-time students and apprentices.														
										Automation of the production line This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		8										
										Development quality This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		8										
										Advanced virtualisation This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		8										
										New database paradigms This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		14										
										Sustainable and digital economy This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment,	≥ 1 CC CC	EOLP		3										

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Éval?	Code	Nat.	Libellé	Mut.	ECTS	Coef.	Note élim.	Régime	Volume horaire	Évaluation initiale / principale						Seconde chance / rattrapage								
										Libellé	Type d'éval.	Nat.	Durée	Coef.	Note élim.	Rep.	Libellé	Type d'éval.	Nat.	Durée	Coef.	Note élim.		
										the duration of which may vary. Full-time students and apprentices.														
										Foreign language This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		3										
										Local adaptation - Advanced development This exam is a SAE (Learning and assessment situation). At least one test can be a written and/or an oral presentation and/or a written assignment, and/or a practical assessment , the duration of witch may vary. For full-time students only and apprentices.	≥ 1 CC CC	EOLP		40										
										Portfolio approach This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		0										
										Algorithmic quality This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		7										
										Advanced programming This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may	≥ 1 CC CC	EOLP		8										
X	MPP67AIS	UE	UE5.2 Optimising applications		10																			

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										Libellé	Type d'éval.	Nat.	Durée	Coef.	Note élim.	Rep.	Libellé	Type d'éval.	Nat.	Durée	Coef.	Note élim.		
										vary. Full-time students and apprentices.														
										Introduction to multimedia programming This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		3										
										Development quality This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		6										
										Advanced virtualisation This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		3										
										New database paradigms This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		5										
										Optimisation methods for decision support This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may	≥ 1 CC CC	EOLP		8										

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Éval?	Code	Nat.	Libellé	Mut.	ECTS	Coef.	Note élim.	Régime	Volume horaire	Évaluation initiale / principale						Seconde chance / rattrapage									
										Libellé	Type d'éval.	Nat.	Durée	Coef.	Note élim.	Rep.	Libellé	Type d'éval.	Nat.	Durée	Coef.	Note élim.			
										vary. Full-time students and apprentices. Mathematical modelling This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices. Foreign language This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.															
										Local adaptation - Advanced development This exam is a SAE (Learning and assessment situation). At least one test can be a written and/or an oral presentation and/or a written assignment, and/or a practical assessment , the duration of witch may vary. For full-time students only and apprentices. Portfolio approach This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices. Introduction to managing an IT project team This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary.															
X	MPP682CI	UE	UE5.6 Working as part of an IT team			10					≥ 1 CC CC	EOLP		40											
										≥ 1 CC CC	EOLP		0												
										≥ 1 CC CC	EOLP		11												

Maquette d'enseignement										Évaluation														
Éval?	Code	Nat.	Libellé	Mut.	ECTS	Coef.	Note élim.	Régime	Volume horaire	Évaluation initiale / principale						Seconde chance / rattrapage								
										Libellé	Type d'éval.	Nat.	Durée	Coef.	Note élim.	Rep.	Libellé	Type d'éval.	Nat.	Durée	Coef.	Note élim.		
										vary. Full-time students and apprentices.														
										Personal and professional project This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		7										
										Communication policy This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		15										
										Introduction to multimedia programming This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		3										
										Automation of the production line This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		3										
										Sustainable and digital economy This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment,	≥ 1 CC CC	EOLP		6										

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Éval?	Code	Nat.	Libellé	Mut.	ECTS	Coef.	Note élim.	Régime	Volume horaire	Évaluation initiale / principale						Seconde chance / rattrapage								
										Libellé	Type d'éval.	Nat.	Durée	Coef.	Note élim.	Rep.	Libellé	Type d'éval.	Nat.	Durée	Coef.	Note élim.		
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										Foreign language This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		15										

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X	MPP68QFT	UE	UE6.1 Application development		10					Local adaptation - Upgrading an existing application This exam is a SAE (Learning and assessment situation). At least one test can be a written and/or an oral presentation and/or a written assignment, and/or a practical assessment , the duration of witch may vary. For full-time students only and apprentices.	≥ 1 CC CC	EOLP		10									
										Portfolio approach This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		5									
										Advanced development This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		22									
										Application maintenance This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		18									
										Internship This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/	≥ 1 CC CC	EOLP		45									

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Éval?	Code	Nat.	Libellé	Mut.	ECTS	Coef.	Note élim.	Régime	Volume horaire	Évaluation initiale / principale						Seconde chance / rattrapage								
										Libellé	Type d'éval.	Nat.	Durée	Coef.	Note élim.	Rep.	Libellé	Type d'éval.	Nat.	Durée	Coef.	Note élim.		
										or a practical assessment, the duration of which may vary. Full-time students and apprentices. Internships are a mandatory module, (except for apprentices). The programme requires a total of 26 weeks of internship over the three-year period.														
X	MPP69BXB	UE	UE6.2 Optimising applications		10					Local adaptation - Upgrading an existing application This exam is a SAE (Learning and assessment situation). At least one test can be a written and/or an oral presentation and/or a written assignment, and/or a practical assessment , the duration of witch may vary. For full-time students only and apprentices.	≥ 1 CC CC	EOLP		10										
										Portfolio approach This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		5										
										Advanced development This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		22										
										Application maintenance This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		18										

Maquette d'enseignement									Évaluation														
Éval?	Code	Nat.	Libellé	Mut.	ECTS	Coef.	Note élim.	Régime	Volume horaire	Évaluation initiale / principale						Seconde chance / rattrapage							
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										Internship This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices. Internships are a mandatory module, (except for apprentices). The programme requires a total of 26 weeks of internship over the three-year period.	≥ 1 CC CC	EOLP		45									
X	MPP69T6M	UE	UE6.6 Working as part of an IT team		10					Local adaptation - Upgrading an existing application This exam is a SAE (Learning and assessment situation). At least one test can be a written and/or an oral presentation and/or a written assignment, and/or a practical assessment , the duration of witch may vary. For full-time students only and apprentices.	≥ 1 CC CC	EOLP		10									
										Portfolio approach This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		5									
										Introduction to entrepreneurship This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		12									
										Digital law and intellectual property This module includes one or more assessments, which	≥ 1 CC CC	EOLP		12									

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										could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.														
										Communication: organisation and dissemination of information This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		7										
										Personnal and professional project This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		7										
										Adadvanced development This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices.	≥ 1 CC CC	EOLP		2										
										Internship This module includes one or more assessments, which could be a written test and/ or an oral presentation and/ or a written assignment and/ or a practical assessment, the duration of which may vary. Full-time students and apprentices. Internships are a mandatory module, (except for apprentices). The	≥ 1 CC CC	EOLP		45										

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										programme requires a total of 26 weeks of internship over the three-year period.										

Légende

Titre des colonnes	
Éval?	Indique si l'ELP est évalué
Nat.	Nature
Mut.	ELP mutualisé
Coef.	Coefficient
Note élim.	Note éliminatoire
Rep.	Note reportée en deuxième session
Nature d'ELP	
UE	Unité d'enseignement
Type d'évaluation pour la session 1 des MCC	
CC	CC (contrôle continu)
Nature de l'évaluation pour les MCC	
EOLP	Ecrit et/ou Oral et/ou Livrable et/ou pratique