

BACHELOR

COURSE TITLE (IN ENGLISH)	COURSE TITLE (IN ITALIAN)	SEMESTER	TEACHING LANGUAGE	LECTURER	BACHELOR - MASTER	ECTS
Acoustics	Acustica	Second	Italian	CINGOLANI	Bachelor in Computer Science	9
Algorithms and data structures	Algoritmi e strutture dati	First	Italian	LONATI - PIGHIZZINI	Bachelor in Computer Science	12
Algorithms and data structures	Algoritmi e strutture dati	First	Italian	FORESTI	Bachelor in Computer Science	6
Algorithms and data structures	Algoritmi e strutture dati	First	Italian	FORESTI	Bachelor in Computer Science for New Media Communications	6
Algorithms and data structures	Algoritmi e strutture dati	First	Italian	DE CAPITANI DI VIMERCATI - FRASCA	Bachelor in Computer Systems and Networks Security	12
Algorithms and data structures ii	Complementi di algoritmi e strutture dati	Second	Italian	CESA BIANCHI	Bachelor in Computer Science	6
Artificial intelligence i	Intelligenza artificiale i	First	Italian	BASILICO	Bachelor in Computer Science	6
Automata and formal languages	Linguaggi formali e automi	Second	Italian	PALANO	Bachelor in Computer Science	6
Biometric systems	Sistemi biometrici	First	Italian	SCOTTI	Bachelor in Computer Systems and Networks Security	6
Computer architecture	Architettura degli elaboratori	Second	Italian	DAMIANI M.L.	Bachelor in Computer Science for New Media Communications	6
Computer architecture	Architettura degli elaboratori	First	Italian	SCARABOTTOLO	Bachelor in Computer Systems and Networks Security	6
Computer architecture i	Architettura degli elaboratori i	First	Italian	BASILICO - BORGHESE - TRUCCO	Bachelor in Computer Science	6
Computer architecture i	Architettura degli elaboratori	Second	Italian	DAMIANI M.L.	Bachelor in Music Information Science	6
Computer architecture ii	Architettura degli elaboratori il	Second	Italian	BASILICO - BORGHESE - TARINI	Bachelor in Computer Science	6
Computer forensics	Computer forensics	Second	Italian	FERRAZZANO	Bachelor in Informatics Security - Bachelor in Computer Systems and Networks Security	6
Computer graphics	Computer graphics	Second	Italian	TARINI	Bachelor in Computer Science for New Media Communications	6
Computer networks	Reti di calcolatori	First	Italian	PAGANI - QUADRI - ROSSI	Bachelor in Computer Science	12
Computer networks	Reti di calcolatori	First	Italian	PAGANI	Bachelor in Music Information Science	6
Computer networks	Reti di calcolatori	First	Italian	PAGANI	Bachelor in Computer Science for New Media Communications	6
Computer networks	Reti di calcolatori	Second	Italian	ARDAGNA -DAMIANI E.	Bachelor in Computer Science - Bachelor in Computer Systems and Networks Security	12
Computer programming	Programmazione II	First	Italian	AHMETOVIC -BOLDI -CAPRA - CESELLI - MORPURGO - TRENTINI	Bachelor in Computer Science	12

Computer programming	Programmazione	First	Italian	AHMETOVIC -BOLDI CAPRA - CESELLI - MORPURGO - TRENTINI	Bachelor in Music Information Science	12
Computer programming	Programmazione	First	Italian	AHMETOVIC - BIANCHESSI -BOLDI - CAPRA - CASAZZA - CESELLI	Bachelor in Computer Science for New Media Communications	12
Computer programming	Programmazione	First	Italian	ANISETTI - FERRARI - TRESOLDI	Bachelor in Computer Systems and Networks Security	12
Computer programming ii	Programmazione	First	Italian	BOLDI - SANTINI	Bachelor in Computer Science	6
Computer programming ii	Programmazione ii	First	Italian	BELLETTINI - MONGA	Bachelor in Computer Science for New Media Communications	6
Computer science applied to music	Informatica applicata alla musica	Second	Italian	HAUS - LUDOVICO - NTALAMPIRAS	Bachelor in Music Information Science	18
Computer science applied to sound	Informatica applicata al suono	First and second	Italian	AVANZINI - MALCANGI	Bachelor in Music Information Science	12
Continuum mathematics	Matematica del continuo	First	Italian	GAVATERRA - GORI	Bachelor in Computer Science	12
Continuum mathematics	Matematica del continuo	First	Italian	PIZZOCCHERO	Bachelor in Music Information Science	12
Continuum mathematics	Matematica del continuo	First	Italian	MATESSI - RONDI	Bachelor in Computer Science for New Media Communications	12
Continuum mathematics	Matematica del continuo	First and second	Italian	BENEDIKTER NIELS - LUPERI BAGLINI - MAGGIS	Bachelor in Computer Systems and Networks Security	12
Cryptography	Crittografia	Second	Italian	CIMATO	Bachelor in Computer Systems and Networks Security	6
Cryptography i	Crittografia i	First	Italian	VISCONTI	Bachelor in Computer Science - Bachelor in Music Information Science	6
Cybercrime legal framework	Diritto penale dell'informatica	Second	Italian	DE PONTI	Bachelor in Computer Systems and Networks Security	6
Databases	Basi di dati	First	Italian	BELLANDI - FERRARE - LIVRAGA - MONTANELLI	Bachelor in Computer Science	12
Databases	Basi di dati	First	Italian	PERLASCA	Bachelor in Computer Science	6
Databases	Basi di dati	Second	Italian	LIVRAGA - SAMARATI	Bachelor in Computer Systems and Networks Security	12
Databases and web	Basi di dati e web	Second	Italian	BETTINI - PERLASCA	Bachelor in Computer Science for New Media Communications	12
Declarative programming	Programmazione dichiarativa	Second	Italian	FIorentINI - MOMIGLIANO	Bachelor in Computer Science - Bachelor in Music Information Science	6
Development of music production technologies	Sviluppo di tecnologie per la produzione musicale	Second	Italian	COEN - PRESTI	Bachelor in Music Information Science	6
Digital image processing	Elaborazione delle immagini	First	Italian	LANZAROTTI	Bachelor in Computer Science - Bachelor in Music Information Science	6

Digital marketing	Marketing digitale	Second	Italian	GANZAROLI - PINETTI	Bachelor in Computer Science for New Media Communications	9
Discrete mathematics	Matematica del discreto	Second	Italian	BERTOLINI - GARBAGNATI - LOMBARDI	Bachelor in Computer Science - Bachelor in Music Information Science	6
Discrete mathematics	Matematica del discreto	First	Italian	BINDI - LUPERI BAGLINI	Bachelor in Computer Systems and Networks Security	6
Elements of musical goods economics	Elementi di economia dei beni musicali	Second	Italian	FABBRI	Bachelor in Music Information Science	6
Elements of musical information law	Elementi di diritto dell'informazione musicale	First	Italian	DEL BENE	Bachelor in Music Information Science	6
Embedded systems	Sistemi embedded	Second	Italian	TRENTINI	Bachelor in Computer Science	6
Fundamentals of digital social media	Fondamenti di social media digitali	Second	Italian	BRUSCHI - ZIGNANI	Bachelor in Computer Science - Bachelor in Computer Science for New Media Communications	6
Human-computer interaction	Interazione uomo-macchina	First	Italian	VALTOLINA	Bachelor in Computer Science for New Media Communications	6
Information systems	Sistemi informativi	First	Italian	CASTANO	Bachelor in Computer Science - Bachelor in Music Information Science	6
Information technology law	Diritto dei prodotti digitali	Second	Italian	PEDRAZZI	Bachelor in Computer Science for New Media Communications	6
Languages and compilers	Linguaggi e traduttori	Second	Italian	SANTINI	Bachelor in Computer Science - Bachelor in Music Information Science	6
Mathematical logic	Logica matematica	Second	Italian	AGUZZOLI - FIORENTINI	Bachelor in Computer Science	6
Mathematical methods for digital communication	Metodi matematici per la comunicazione digitale	Second	Italian	MARRA - VAN GEEMEN	Bachelor in Computer Science for New Media Communications	6
Methods and technologies of music publishing	Metodologie e tecnologie per l'editoria musicale	First	Italian	MANCINI	Bachelor in Music Information Science	6
Mobile computing	Mobile computing	First	Italian	MASCETTI	Bachelor in Computer Science for New Media Communications	9
Model-driven software design	Progettazione model driven del software	First	Italian	BRAGHIN - RICCOBENE	Bachelor in Computer Systems and Networks Security	6
Models of music perception	Modelli della percezione musicale	Second	Italian	MANCUSO	Bachelor in Music Information Science	6
Multimedia information	Informazione multimediale	First	Italian	GROSSI - LANZAROTTI	Bachelor in Computer Science - Bachelor in Computer Science for New Media Communications	12
Multimedia project	Progetto multimediale	Second	Italian	RIZZI	Bachelor in Computer Science for New Media Communications	9
Multimedia publishing	Editoria digitale	First	Italian	ANISSETTI	Bachelor in Computer Science - Bachelor in Music Information Science	6
Music semiotics	Semiotica della musica	First	Italian	CATTANEO	Bachelor in Computer Science	6
New media sociology	Sociologia dei nuovi media	First	Italian	ORLANDI	Bachelor in Computer Science - Bachelor in Computer Science for New Media Communications	6
Operating systems	Sistemi operativi	Second	Italian	DONIDA - GENOVESE - PIURI	Bachelor in Computer Science	12

Operating systems	Sistemi operativi	First	Italian	MAGGIORINI	Bachelor in Music Information Science	6
Operating systems	Sistemi operativi	First	Italian	MAGGIORINI	Bachelor in Computer Science for New Media Communications	6
Operating systems i	Sistemi operativi i	First	Italian	BRUSCHI	Bachelor in Computer Systems and Networks Security	6
Operating systems ii	Sistemi operativi ii	First	Italian	BRUSCHI -MONGA	Bachelor in Computer Systems and Networks Security	6
Operations research	Ricerca operativa	Second	Italian	RIGHINI	Bachelor in Computer Science - Bachelor in Music Information Science	6
Physics	Fisica	First	Italian	COSENTINO LAGORMARSINO	Bachelor in Computer Science	6
Principles and models of perception	Principi e modelli della percezione	First	Italian	CASIRAGHI	Bachelor in Computer Science for New Media Communications	6
Programming languages	Linguaggi di programmazione	First	Italian	CAZZOLA	Bachelor in Computer Science - Bachelor in Music Information Science	6
Scientific visualization	Visualizzazione scientifica	Second	Italian	CASIRAGHI	Bachelor in Computer Science - Bachelor in Music Information Science	6
Secure software design	Progettazione di software sicuro	First	Italian	CIRIANI - RICCOBENE	Bachelor in Computer Systems and Networks Security	6
Security and privacy	Sicurezza e privacy	First	Italian	BRUSCHI	Bachelor in Computer Science - Bachelor in Music Information Science	6
Signal processing	Elaborazione dei segnali	First	Italian	PEDERSINI	Bachelor in Computer Science - Bachelor in Music Information Science	6
Signal processing	Elaborazione dei segnali	Second	Italian	SASSI	Bachelor in Computer Science for New Media Communications	6
Social media mining	Social media mining	First	Italian	GAITO - ZIGNANI	Bachelor in Computer Science for New Media Communications	12
Software engineering	Ingegneria del software	First	Italian	BRAGHIN - CIRIANI - RICCOBENE	Bachelor in Computer Science	12
Statistics and data analysis	Statistica e analisi dei dati	Second	Italian	MALCHIODI	Bachelor in Computer Science	6
Statistics and data analysis	Statistica e analisi dei dati	Second	Italian	BOCCIGNONE - CUCULO	Bachelor in Computer Science	6
Statistics and data analysis	Statistica e analisi dei dati	Second	Italian	BOCCIGNONE - CUCULO	Bachelor in Computer Science for New Media Communications	6
Statistics and data analysis	Statistica e analisi dei dati	First	Italian	BOCCIGNONE - CUCULO	Bachelor in Computer Systems and Networks Security	6
System and network security	Sicurezza dei sistemi e delle reti	First	Italian	ANISSETTI - CIMATO	Bachelor in Computer Systems and Networks Security	12
Tecnologies and languages for web	Tecnologie e linguaggi per il web	Second	Italian	CERAVOLO	Bachelor in Computer Science	6
Web and cloud applications	Applicazioni web e cloud	First	Italian	ARDAGNA - BELLANDI	Bachelor in Computer Science for New Media Communications	6
Web and mobile programming	Programmazione web e mobile	Second	Italian	CERAVOLO	Bachelor in Computer Systems and Networks Security	6

Web and mobile systems security	Sicurezza nei sistemi web e mobili	Second	Italian	BRAGHIN	Bachelor in Computer Systems and Networks Security	6
Web programming	Programmazione per il web	First	Italian	MESITI	Bachelor in Music Information Science	6