

INFORMATION AND COMMUNICATION TECHNOLOGY - BACHELOR OF INFORMATION COMMUNICATION TECHNOLOGY (ONLINE)

Viewing a Wider World ²	6
Credits	12
Total Credits	120

A Suggested Plan of Study for Students

This roadmap assumes student placement in MATH 1220G College Algebra. The contents and order of this roadmap may vary depending on initial student placement in mathematics and previous English coursework that was transferred in. It is only a suggested plan of study for students and is not intended as a contract. Course availability may vary from fall to spring semester and may be subject to modification or change.

First Year	Credits
Elective Credits (include General Education credits) ⁴	30
Credits	30
Second Year	Credits
Elective Credits (include General Education credits) ⁴	33
Credits	33
Third Year	Credits
Fall	
Structured Programming Course (from pre-approved list)	3
ICT 360 Operating Systems for ICT	3
ICT 377 Computer Networking I	3
MATH 1220G College Algebra ¹	3
OECS 185 PC Maintenance and Repair I	3
or E T 160 or Windows Fundamentals for IET	
Credits	15
Spring	
ICT 320 Introduction to Internet Protocols	3
ICT 350V Introduction to Personal Computer Security and Privacy	3
ICT 355 Linux System Administration	3
ICT 364 Windows Enterprise Administration	3
Technical Elective (from pre-approved list) ³	3
Credits	15
Fourth Year	Credits
Fall	
ICT 362 Software Technology II	3
ICT 435 Senior Project	3
ICT 450 Ethical Hacking	3
Technical Elective (from pre-approved list) ³	6
Credits	15
Spring	
ICT 457 Introduction to Information Security Technology	3
Technical Elective (from pre-approved list) ³	3

1

See the General Education (<http://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/>) section of the catalog for a full list of courses. NOTE: Students may need to take any prerequisites needed to enter MATH 1220G College Algebra.

2

See the Viewing a Wider World (<http://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/#viewingawiderworldtext>) section of the catalog for a full list of courses. Viewing a Wider World (<http://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/#viewingawiderworldtext>) courses will form part of the required 48 upper-level credit hours taken as part of the ICT program at NMSU.

3

Concentrations are *optional* educational sequences that students may choose to focus on particular areas related to . Concentrations may often be done without additional credits by **judicious use of electives** and other optional course requirements.

4

Elective credit may vary based on prerequisites, dual credit, AP credit, double majors, and/or minor coursework. The amount indicated in the requirements list is the amount needed to bring the total to 120 credits and may appear in variable form based on the degree. However, students may end up needing to complete more or less on a case-by-case basis and students should discuss elective requirements with their advisor.

5

Special Topics courses will include various topics and will require the instructor's consent. Students pursuing an ICT concentration will need prior faculty advisor approval to ensure the topics covered in that specific term will count towards the desired ICT concentration.