



**Summer Course Bioinformatics**  
**August 20 – August 31, 2007**  
**From 10.00 – 18.00 in CMBI course room**

**Preliminary Course Program**

Monday, August 20	11.00 13.00	Terminal room open. Start of Course Step 1: Introduction to Bioinformatics Step 2: Databases
Tuesday, August 21	10.00	Step 2: Databases, continued Step 3: Tools: SRS Step 3: Tools: BLAST
Wednesday, August 22	10.00	Step 3: Tools: BLAST, continued Step 4: The amino acids Social Event
Thursday, August 23	10.00	Step 4: The amino acids, continued Step 5: The amino acids in their natural habitat
Friday, August 24	10.00	Amino Acid Exam Step 5: The amino acids in their natural habitat, continued Step 6: Aligning sequences by hand
Monday, August 27	10.00	Step 6: Aligning sequences by hand, continued
Tuesday, August 28	10.00	Step 7: Making your own alignment program
Wednesday, August 29	10.00	Step 8: Examples from the real world Social Event
Thursday, August 30	10.00	Step 8: Examples from the real world, continued Step 9: Final projects Final Examination *
Friday, August 31	10.00 15.00	Step 9: Final projects, continued Final questions, your own research problems Course end

\* Obligatory to students who need the credits for their study

**Further information:**

**Teachers:** Gert Vriend ([G.Vriend@cmbi.ru.nl](mailto:G.Vriend@cmbi.ru.nl)), Celia van Gelder ([C.vanGelder@cmbi.ru.nl](mailto:C.vanGelder@cmbi.ru.nl)).

**Location:** CMBI lecture room (Kennisplein), NCMLS, Radboud University Nijmegen Medical Centre, Geert Grooteplein 26-28, 6525 GA Nijmegen (route 260).

**CMBI secretary:** Barbara van Kampen ([B.vanKampen@cmbi.ru.nl](mailto:B.vanKampen@cmbi.ru.nl), tel: +31 (0)24 36 19390, room 0.02).

**Lunch:** approx. 12.00-13.15 every day in the canteen of the Radboud Medical Centre or “Prekliniek”.